



Arizona State University

EIGHTY-EIGHTH

Annual Commencement

UNIVERSITY ACTIVITY CENTER

FRIDAY, MAY 17, 1974

Program



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POMP AND CIRCUMSTANCE

Edward Elgar

UNIVERSITY SYMPHONIC BAND

Kenneth O. Snapp, Ph.D., Conductor

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Francis Scott Key

MARION W. SMITH, M.M., TENOR

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Pastor, First Presbyterian Church of Mesa

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President of the University

GREETINGS

THE HONORABLE JACK WILLIAMS
Governor of Arizona

GREETINGS

JAMES ELLIOTT DUNSEATH, J.D.
President of the Arizona Board of Regents

FROM "VESPERS," OP. 37

Sergei Rachmaninoff

NUNC DIMITTIS

TO THE MOTHER OF GOD

UNIVERSITY CONCERT CHOIR
Douglas R. McEwen, Ed.D., Conductor

ADDRESS

The Circuit Breaker
HUGH DOWNS

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President of the University

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NOEL BARRIE, M.A.
President, Alumni Association

ALMA MATER

Hopkins-Dresskell

BENEDICTION

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Pastor, First Presbyterian Church of Mesa

CANDIDATES FOR COMMISSION

The following cadets of the Reserve Officers' Training Corps, Arizona State University, upon completion of the course of instruction prescribed by the Department of the Army or the Department of the Air Force, are tendered commissions as Second Lieutenants.

UNITED STATES ARMY RESERVE

July 6, 1973

Beaty, Douglas Robert

Butler, Allen Dallace

Sanders, Jerry Lynn

March 29, 1974

Campbell, Jimmie L.

Chapman, David M.

Deskins, David C.

Eyle, Terrence G.

Hilliard, Donald G.

Huling, J. Rex

Kropp, Donald

Morgan, Roy F.

May, 1974

Bonestroo, Paul Marion

Dawson, Dennis Anthony

Durante, Kirk Lee

Easterday, Bruce Ken

Guffey, Douglas Oliver

Hallock, Steven Douglas

Hestand, John Thomas

Hollingworth, Jan Lile

Johnson, Jonathan Leroy

Jones, James Michael

Kowalczyk, Walter Leo

Lowans, Mark Warren

Mundell, James Gregory

Murff, Samuel James

Pickett, Theodore R. III

Pike, Jack Edward

Radford, Robert Wayne

Renner, Arthur Frank

Rickman, Richard Mark

Schoenberger, Mark James

Shultz, George Edward

Weaver, Edward Steven

Youngland, Randal Harold

UNITED STATES AIR FORCE RESERVE

July, 1973

Brophy, Mark W.

Goodyear, Norman W.

Kerr, Jerry W.

Turner, Randall L.

August, 1973

Stan, Robert L.

Wallace, John M.

January, 1974

Bailey, Roger H.

Carter, Christopher W.

Larson, Lawrence H.

LeFevre, Robert F.

McCrite, Michael D.

June, 1974

Baumer, John E.

Brakora, Andrew P.

Brown, Alan M.

Conner, Thomas C.

Dunlap, Lee S.

Edwards, John K.

Eldred, Robert L.

Ellico, Bradley R.

Gutierrez, Martin D.

Hanrahan, Thomas P.

Harris, John D.

Hill, Bartholomew G.

Hollstein, James A.

Huddleston, James E.

Johnson, Michael E.

Johnson, Robert K.

Kiehlbaugh, Gary G.

Kurth, Wayne R.

Lewis, Curtis L.

Losacker, Stephen W.

Maggard, Terrance F.

McCarthy, David J.

McKinley, Thomas J.

Miller, James G.

Newland, Ronald K.

Olbert, Douglas R.

Papst, Richard J.

Perkey, William B.

Pizarek, Brendan G.

Sears, David M.

Seidel, Kenneth J.

Semones, David E.

Stein, Gary L.

Sutton, Gary L.

Torrington, Alan R.

Yort, Craig A.

CONFERRING OF BACHELORS DEGREES

PRESIDENT JOHN W. SCHWADA

COLLEGE OF LIBERAL ARTS

The Recipients and Candidates Will Be Presented By

CHARLES M. WOOLF, PH.D.

Dean of the College

BACHELOR OF ARTS

Degrees Conferred September 14, 1973

ANTHROPOLOGY

David Charles Bachman
Michael John Dooen
Thornton Walton Price III
Joseph Donald Taylor
Michael S. Vallejos

CHEMISTRY

Spencer David Heffel,
with distinction
Stanley V. Lemonovich
William Lawrence Monette

ENGLISH

Clay Bagocius Arnold,
with distinction
Glesna R. Ashton
Susan Bequette
Hal Springer Chenault
Linda Averleigh Finnegan,
with distinction
Lawrence Harold Fry
Deborah Ann Gilbert,
with distinction
Kathleen Dudley Harbison
Charles R. Harrison
Donna Louise Hnida,
with distinction
Ellen Frances Lauterbach
Nancy Louise Lawrence,
with distinction
Michael Richmond Locklear
Torey Paul Malatia,
with high distinction
Candice St. Jacques Miles,
with high distinction
Bonnie Patricia Peplow,
with high distinction
David Lawrence Totel,
with distinction
Audy Roy Watson
Eugene Steven Yonover

FRENCH

Cynthia E. Foss
Nancy Ahlgren Maleck,
with distinction

GERMAN

Daniel James Linck
Elaine Riley,
with distinction
Donna Arlene Steiner,
with distinction

HISTORY

Cris Forrest Crumbaugh,
with distinction
William James Dilgard
George Robert Francis
Sarah McCann Goodale
Cheryl Rose Haas
Michael Harold Kamrar
Anthony Albert Lato
Douglas Meredith May,
with high distinction
Kerry Beth Moore
Dennis Brian Moylan
Ronald Charles Noll
Randall Lawrence Turner
Larry Allen Way

HISTORY-LATIN AMERICAN STUDIES

Craig E. Cochran,
with distinction

JOURNALISM

Nanette Sexton Ross,
with distinction

MATHEMATICS

Margaret Lee Haney
Timothy Michael Hogan,
with high distinction

PHILOSOPHY

Kathryn Carmen Conry
Judith Kay Ingles
Richard Roy Jones III
Andrew Bruce Vishner

POLITICAL SCIENCE

Mark E. Farrar
Reed P. Freeman
Patricia Carol Howard
Raymond Aaron Silvas Kizer
Thomas Jay Knowles,
with distinction
James F. McLaughlin
Roger Kent Morehead
Ronald Patrick Murphy,
with distinction
Daniel F. Vera

PSYCHOLOGY

Claudia Alice Bosco,
with distinction
Gerie Leigh Clayton
Terry Rene Cook
Kirk Lee Holman,
with distinction
Judith Kay Kaufman
Glenna Kay Parker

RADIO-TELEVISION

Dustin Arthur Cole,
with distinction
Renée S. Feldman

SOCIAL WELFARE

Geryld Vassar Branch
Faith Linn Lefeber
Carol Elaine Mills
Anne Ronan,
with distinction

SOCIOLOGY

Virginia Lee Bealmear
Kenneth Lee Brewster,
with distinction
Bill Frank Hernandez

SOCIOLOGY-SOCIAL WELFARE

Diane L. Pratt

SPANISH

Mary Campbell Christensen,
with high distinction
Paula Kay Colt,
with distinction
Melanie Grace Fleek
Kathryn King,
with distinction
Dianna Kathleen Monteiro

Daniel Moss

Terry Michael Valentine
Barbara Joanne Ward,
with high distinction

SPANISH-LATIN AMERICAN STUDIES

Steven Anthony Chavez

BACHELOR OF ARTS

Degrees Conferred January 16, 1974

ANTHROPOLOGY

John Junior Freeman,
with distinction
Colleen Jensen,
with distinction
John Kevin McAlpine
Norman Nelson McCauley
Leslie Franklin Tindell
Meg Rose Vanell,
with high distinction
Patricia K. Zarnowski,
with distinction

CHEMISTRY

William R. McKnight,
with distinction
Frank H. Robertson III

CHINESE

Bruce Michael Cascketta,
with distinction

ECONOMICS

Candace Kay DeJong

ENGLISH

Jeffry Richard Baker,
with high distinction
James Michael Box
William Wayne Fern III
Francis J. Krampe,
with distinction
Barbara Jodi Lawrence
Peggy M. Mullaney,
with distinction
Wendy W. Rose
Gayle Shanks,
with distinction

FRENCH

Myriam Patricia Díaz,
with distinction
William Joseph Firth

Patricia Rosette Hinspeter,
with distinction
Jody Ann Knudsen
Thanh N. Mougeot

GERMAN

Terez Adamy Ecklund
Warren Rowe Sergeant
Laura Diane Talla
Elizabeth A. Youtz,
with distinction

HISTORY

James Fredrick Davis Jr.
Judith Louise Hughes,
with distinction
Karen Gail McClellan
Louis August Panelli II
Claudia Lynne Rosen,
magna cum laude
Donald Eugene Royer III
Robert L. Spude
Kevin Lawrence Sullivan

HISTORY-ASIAN STUDIES

Thomas Allan Frost

MATHEMATICS

Mark Eric Monninger

PHILOSOPHY

Robert Jernigan
Joseph Chandler McDaniel
Johnny V. Scruggs,
with distinction
George Darlington Wood Jr.

POLITICAL SCIENCE

Robert Hughes Bohannan
Michael Francis Brockmeyer,
with high distinction
Dayne Andrew Coffey

Charles William Lowe,
summa cum laude

*Thesis: A Simulation Analysis of
Foreign Policy Decision-Making*

Warren Joseph McCarty Jr.

James S. Rejebian

Jeanne Lee Rice,
magna cum laude
*Thesis: The Equal Rights
Amendment: A Legal
Perspective*

Tom M. Rossow

Thomas Edward Weland

Victor Werhanowicz

POLITICAL SCIENCE-LATIN AMERICAN STUDIES

Susan Rae Clouse,
with high distinction
Alice A. Gartell

PSYCHOLOGY

Robert Francis Clarke
Michele Suzanne Generaux,
with distinction
Ruth Szilagyi Lusson,
with high distinction
Molly A. McGinn
Billy Joe Meeks,
with distinction
Robert Jackson Moore,
with high distinction
Douglas Norde,
with high distinction
Mary Ann Syers,
with high distinction
Robert M. Ward
Beverly Jean Westgaard,
with high distinction

RADIO-TELEVISION

Edward Michael Bubas

Marni Ann Pingree,
with distinction

RUSSIAN

Edward Joseph Berges,
with distinction

SOCIAL WELFARE

Harry Frank
Kathi Lynn McQuaid
Andrea Jane Palatinus,
magna cum laude
Thesis: A Study in Child Abuse
Richard Ralph Rogers Jr.

SOCIOLOGY

Marlene Appel,
with distinction
Donald Edward Funcheon
Jenny Rose Juhl
David E. Link
Steven Derek Naar
Marilyn D. Oliver
Richard Eric Schwartz

SPANISH

Arthur Arbizu,
with distinction

Sharon Reina Carrasco
Lorenzo Ruiz Jr.
Robert Solano

SPANISH-LATIN AMERICAN STUDIES

Anne Habel Burtnett,
cum laude
Patrick Joseph Walsh

Candidates for the Degree of
BACHELOR OF ARTS
To Be Conferred on May 17, 1974
Subject to Completion of Requirements

ANTHROPOLOGY

Ron Morgan Burnett
Lindsay Louise Ellis
JessE Faupell
Teresa P. Froncek
Joseph Arthur Gautsch Jr.
Terri Ellen Hoffman
Paul Edward Holmes
Christina Maria Martínez
Jo-Anne Meltzer
Susan A. Mueller
Diana L. Myers
Rebecca Jackson Novak
Rhonda Ann Oetzel
Keith Werner Scoular
Jon Scott Wood
Joanna Wretlind
Victoria May David Zenner

CHEMISTRY

Jean Lee Bunch
Bance Fong Hom
Richard Clay Hom
Cynthia Jean Larmer
Cameron Rafael McKay
Mark Conrad Spitz
Catherine Lloyd Theisen
John Alan Walker

ECONOMICS

Lillian Gray
Earl Nittskoff
Diane Ariel Rockafellow

ENGLISH

John Perez Aldape
Deborah Marie Alvarez
Victoria Elizabeth Atwood
Michael S. Barnes
Ryan Meade Bond
Pamela J. Brown
Elizabeth Ann Cherrey
Lorraine Masters Cutler
Rex Hill Decker
Susanne Marie Eades
Constance Suzanne Evans
Lee Philip Falk
Gary Edward Gohring
George Ronald Grafe
Elaine Mary Harnett
Paul J. Harris
Janice Lynn Harrison
John Arlin Hicks
Mary Lynn Hyatt
Tracey Lynn Karcher
Mark Andrew Kelly
Joy S. Lawson
Christine Natalie Marin
Thomas Whitton McLellan
Janice Metcalf
Babette C. Miller
Susan Margaret Milner
Jon Alan Rochester
Honors Thesis: The Seedbearer:
An Original Screenplay
Mary Jeanne Ronan
Mark James Schoenberger
Ina Joy Schwartz

Sarah E. Scott
Gail DeWitt Setzer
Gary Alan Tillman
Burke Coleman Walter
Angela Penelope Weller
Sharon Sophia Wertz
William Homer Westover
Ann Marie Wood
William Hewitt Young

FRENCH

Janet Gayle Carpenter
Heidi Elaine Hanson
Bartholomew G. Hill
Miriamne A. Karas
Karen Kennedy Langness
Marcela Lozano
Linda J. Nagelberg
Frances Laurie Sienicki
Michael Thomas Williams

GEOGRAPHY

Richard Jay Crystal

GEOLOGY

Janet Hughes

GERMAN

Garry C. Myers
Eric Brian Williams

HISTORY

Vicki Bernadette Allen
Thomas Michael Barber

Euclid George Haita Black
 Karen C. Boettcher
 Kendra Bonnett
 Eugenia Louise Cannon
 Charles Oliver Cobb
 Alan David Frey
 Robert Allen Frost
 Dennis Ian Gorney
 Pamela Jean Hackley
 Patrick John Halter
 David Arthur Hawkey
 John Walter Hubbard
 Thomas Joseph Kioski
 John P. Kleiner Jr.
 Terence James Lee
 José Antunez Leyba
 Stephen Brian Lieberman
 Anne Cecelia Magsam
 Janet Kay Margrave
 Michael D. Mayersohn
 Andrew Walter Miller
 Frances May Peterson
 Gerhard Poetzl
 Robert Wayne Radford
 Janet E. Root
 Kathryn May Spude
 Frederick Lowell Tingley
 Nancy Jane Wetter
 Wayne Joseph Wilkinson
 Kirk Stewart Wilson
 Guy Christopher Wooten

HOME ECONOMICS

Deborah Mariah Ettinger
 Sandra Lee Harmon
 Rosemary Theresa Keil
 Kathleen Marie Lawson
 Jeanne Lea Maucher
 Dorothy M. Navarrete
 Vivian Christine Perez
 Susan Lee Vandenberg
 Nancy Lynn Van Gaasbeek
 Anna Fredericka Wallace

JOURNALISM

Albert Manuel Flores
 Richard K. Mahrle
 Julie Ann Paterson
 John C. Phillips
 Kenneth Charles Phillips

MATHEMATICS

Linda Sue Beimfohr
 Robert Lee Gent Jr.
 Teresa Lynn Hart
 Philip Stanley Janes
 David Martin Kieffer
 Toni Marie Maffe
 Johnny M. Santellan
 John Joseph Sawbridge

Lloyd James Zusman

PHILOSOPHY

Borna Bebek von Pelsöcz
 James Stefanos Callahan
 Michael Edward Kelly
 Patricia Margaret Sterns

POLITICAL SCIENCE

Eddie Michael Acevedo
 Saeed M. Al-Shamsi
 Belinda Anne Ash
 Brian Lee Ballou
 Darlene Joyce Barela
 Kenneth Charles Behringer
Honors Thesis: The Relationships Between Machiavellian Personality Traits and Five Political Variables

Heather Gwynnedd Bryan
Honors Thesis: An Investigation of the Factors Related to the Number of Women in Elected Political Office

Norman Keith Chase
 Sandra Lee Ferniza
 Robert L. Harshman
 Joseph Gerard Heck
 David Paredes Herrera
 Robert Lee Janson
 Steve Thomas Kirby
 Gregory Grant Klein
 Walter L. Kowalczyk
 Patrick Joseph Linehan

Honors Thesis: The Novel President: A Presidential Novel

William David Nowell
 Daniel Raul Ortega Jr.
 Mark Stephen Rafferty
 Gary Lee Richardson
 Debra Ann Saviers
 Michael Joseph Swanick
 Dorothy Anne Wagner
 Christopher John Wiess
 Antonio Rodriguez Zúñiga

POLITICAL SCIENCE-LATIN AMERICAN STUDIES

Rand Dee Bowerman

PSYCHOLOGY

Teresa A. Bartlett
 Karen Ann Bendt
 Dennis Lee Berry
 Doris Jean Chaillie
 Pamela Jann Cislak
 Allan Curtis Durham
 Christopher Joseph Earley
 Denise Gay Hart

James George Katches
 Katherine Kitterman
 Rita Kay McMahon
 Brian Kent Montgomery
 Elaine Christina Nereson
 Janis Lynn Posner
 Patricia Anne Rounds
 Barbara Anne Steinman
 Kathleen Louise Velo
 Wayne F. Vose

RADIO-TELEVISION

Jane-Mari Alberta Adamick
 Joanna Althea Barbieri
 Mark Patrick Brown
 George Bentley Byrd III
 Mary Ann Esler
 Sharon Lynn Kelley
Honors Thesis: KAET: How It Began. History of Public Television in Phoenix

Lois Adele Rogan
 Mark David Sanchez

RUSSIAN

Ricki Leigh Johns
 Terry Laine Newstrom
 Robert Steven Prokop
 Jerry Franklin Townsend

SOCIAL WELFARE

Esther Arellano
 Sylvia Rosa Arellano
 Francisco Campoy Barraza
 Joan Cathy Bohmann
 Maria Romero Coronado
 Nanette Carol Edson
 Maria Ruiz Fulton
 Carlos Z. Gonzales
 Brian John Gorey
 R. Dean Kenderdine
 Joseph J. O'Haver
 Valerie Carol Rice
 Mary Carolyn Shackelford

SOCIOLOGY

John Andrew Allendorfer
 Amada Millie Baca
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 Henry Anthony Fagnani
 Mary Magdalene Favela
 Scott David Johnson
 Peggy Ann Lindner
 John William Lowe III
 Marcia Jo McConnell
 Lisa Jane Smades
Honors Thesis: A Restaurant's Adjustment to the Introduction of Punishment-Centered Bureaucracy

Cecil D. Solomon
Danny Lee Stewart
April Dexter Wright

SPANISH

Lisa Lee Anderson
Richard Joseph Breed
William Glenn Campana
Ronald Gary Cook

Cynthia Suzanne George
Charla Richárde Hirst
Thomas LeeRoy Kern
*Honors Thesis: The Relative
Effectiveness of Variations in
Language Laboratory Teaching*
Chonita Leyva
Deanie June Lynch

Susan Lisbeth Means
Stanley Jay Thompson
Lauren Wicevic
Rebecca Jo Wiley
SPANISH-LATIN AMERICAN
STUDIES
Bella Hildebrandt
Ruby R. Houze

BACHELOR OF SCIENCE
Degrees Conferred September 14, 1973

ANTHROPOLOGY

Sherilynn Anderson
David A. Rensberger

BIOLOGY

Michael Larry Marshall
Wilma Maurice Patterson

BOTANY

Donna Beth Armstrong,
with distinction

CHEMISTRY

Richard Allen Alverson,
with distinction
Michael G. Dodson

ECONOMICS

Eric J. Anderson,
with distinction
Yilma Gebremariam
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Steven Michael Klabunde
Edward S. Patera
John Anton Zupichich

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Calvin Ray Bivins
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Kenneth B. Scheiderman
Bruce Van Valer
John Martin Wallace
Byron Lawrence Ward

HEALTH EDUCATION

John Byron Wilson

HEALTH SCIENCE

Richard Paul Haskins

HOME ECONOMICS

Susan Spikes Bickel
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Debra Susan Drommerhausen
Susan Kohl Felly
Rickly Michael Griffith
Patricia Ann Hasbrook
Carol Ann Johnson
Alyce Kathryn Ketner
Barbara Jean McColl
Marsha Ann Piercefield
Collen Rodgers,
with distinction
Marylinda Torphy,
with distinction
Deborah Sue Weddle,
with distinction
Beverly Wood

JOURNALISM

Paul F. Perry

MATHEMATICS

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with distinction
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Christopher Zei

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with distinction
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with distinction
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with distinction
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Anne Margaret Tucker
Susan Louise Wieland,
with distinction
Marie Pearl Williams,
with distinction

MICROBIOLOGY

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Steven Cameron Self

PHYSICAL EDUCATION

Walt Slater

PHYSICS

Steven Ray Huthman,
with distinction
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with distinction
Robert Hammond Sperry
Carolyn Marie Stewart

POLITICAL SCIENCE

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with distinction
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Samuel Flores

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with distinction
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with distinction
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with high distinction
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 Philip Lewis Peterson
 James Carl Phillips
 Michael Earl St. George,
with distinction
 Karen Santoro
 Bob Lindsay Sherman
 John Tyrrell Taber
 John Richard Thurnbeck

PSYCHOLOGY

James Bruce Blakley,
with distinction
 Zedra Elise Bower,
with distinction
 Brian Everroad
 Edith Florence Faulkner
 Mona Inez Figueroa
 Harold Arthur Flom
 Gloria Sue Lane
 Timothy Edward Laughlin
 Edwin R. Mattson II
 James Everett Meyer
 Ann Lamoreaux Paris
 Robert Sakas
 Thomas Richard Shelly
 Daniel Howard Simpson,
with distinction
 Ileene Wist,
with distinction

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 Richard Lawrence Friedman
 Rex Ray Richardson
 Robert Emmett Schneider

RECREATION

Christopher J. Cohan
 Michael Alexander Dean
 Bruce I. Kopf
 Gary Don Powell
 Robert Morris Pratt
 Leonard Shenoff Randle

Michael L. Sankey
 Gail Elaine Swanke

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Bryan Stanley Austill
 Carol A. Boyd,
with distinction
 Joseph Anthony De Pinto
 Margo R. Eiermann
 Mark Kenneth Fooks
 Debra Lynn Gallacci
 Enemecio Leon Gonzalez
 Mary Mathilde Hyams,
with high distinction
 Barbara Uylandra Cross Ishop
 Christine Lofgren,
with distinction
 Beverly R. Merrick
 Mary Elizabeth Messer
 Alvin Sidney Overstreet,
with distinction
 Sonia Marie Sazueta
 Irene Naomi Taylor,
with distinction
 Roselyn M. Tsosie
 Susan Jo Wall,
with distinction

SOCIOLOGY

Herbert Michael Babb
 John Steward Bohn
 Michael Douglas Brown,
with distinction
 Robert David Buckley
 Patrice Ilyne Cornblum
 William George Consulas Jr.
 Robin Jill Cummings
 James A. de Jong
 Michael Louis Erie
 James Nord Ferragut
 Vivian F. Friedman
 Larry Dean Goldberg
 Charles R. Henderson
 Thomas Julius Jenkins
 Michael Ray Keplinger
 Bruce Albert Kilby
 Agatha N. Krall
 Jean Maracle
 Anthony F. Maresca
 James Howard Marks
 Scott D. Marlin
 Leo R. McAvoy
 Michael Kevin McGarry

George David Mehnert,
with distinction
 Ruth N. Minard
 Kenneth James Moore
 Craig G. Myers
 Ronald I. Perl
 W. Scott Reyner
 Katharine P. Schmidt
 Gary M. Stern
 Bruce Renard Veach
 Deborah Ann Warth
 George E. Way
 Robin Francis Williams

SOCIOLOGY-PUBLIC SAFETY

Linda Pauline Grisson

SOCIOLOGY-SOCIAL WELFARE

Deborah Lynn Berenter,
with distinction

X-RAY TECHNOLOGY

Ovila Joseph Dionne Jr.
 James Cramer Winters

ZOOLOGY

William Brian Bevan
 Mary Katherine Davis,
with distinction
 Louis John Haws Jr.,
with high distinction
 Edgar Hernandez Hernandez,
with distinction
 Anthony S. Kulasa
 William Wanet Miller III,
with distinction
 Loretta Kay Moss,
with high distinction
 Jeffrey Robert O'Connor,
with high distinction
 John Cummins Oertle Jr.
 Lorin Dean Peterson,
with distinction
 Randolph Nilsen Saar
 James Lee Schwartzmann
 Ronald William Shaw
 Seth Gerard Spotnitz,
with distinction
 Robert Paul Swierski
 Frederick William Wagner
 Kathleen Ann Watkins
 James Lloyd Welch
 Judy Ann Willey

BACHELOR OF SCIENCE

Degrees Conferred January 16, 1974

ANTHROPOLOGY

Pamela Ann Bolt,
with distinction
Christopher Kemp Huston
Wanda Irene Nelson

BIOLOGY

Polly Anne Blankenbaker
Jenith deJong Doerr
Thomas Lindsay Hiatt
William Thomas Irving
Michael Robert Johnston
Meredith Anne Lane,
with high distinction
Donald Wayne Longstreth,
with distinction

BROADCASTING

Gordon Best Peterson

CHEMISTRY

Drew Alan Freeman,
with high distinction
John Phillip Sharples

ECONOMICS

Gary Jon Antilla,
with distinction
Thomas Jackson Charlton Jr.
Gary B. Patton

GEOGRAPHY

Charles John Bondra
Kyle D. Butterwick
Reynold Cooper Du Bois
Harry Richard Fisk
Donald Everett Hadder,
with high distinction
Thomas M. Harvey
Patrick Joseph Novak
Thomas Walter White

GEOLOGY

Robert Anthony Falletta
Michael A Schmidt

HEALTH EDUCATION

Richard Allen Lundberg
Frieda M. Thomas,
with high distinction
Kay Eileen Tietje

HOME ECONOMICS

Janice L. Allen
Ann Marie Barker

Christy Hart Beeger
Georgia Bolton
Mary Joan Coffman
Dorothy A. DeBoer Cope,
with distinction
Leslie J. Edwards
Dorothy Ingram Ellertson,
with high distinction
Catherine E. Fallon
Linda M. Friend,
with distinction
Suzan Ruth Hartwell,
with distinction
Julie Rae Johnson
Kathie Lee Kirk,
with distinction
Sherri Ann McGrath,
with distinction
Theresa Jane Miller,
with high distinction
Bonnie Lynn Miner
Mary Maureen Morrow,
with distinction
Linda Louise Narramore
Wendy J. Ott
Candace Kate Posson
Lionel Sanchez
Diana Katherine Shroff,
with high distinction
Celeste Silva,
with distinction
Sarah Jayne Simpson
Virginia Spencer
Mary Ellen Tompkins,
with high distinction
Elizabeth Nolte Trovillion
Carol Jean Wagner

JOURNALISM

Galen H. Barnett
Larry L. Cox
Judy Gail Dodd
Daniel A. Lee
Linda Sue Raymer
Sandra Gail Shook

MATHEMATICS

David Lewis Calcatelli
Diane Elizabeth Edes
Richard James Gustafson
Elizabeth Suzanne Peterson,
with distinction
Fred V. Simon III,
with distinction

Thomas Wayne Thompson
Luis Manuel Trejo

MEDICAL TECHNOLOGY

Rhonda Jean Cain,
with distinction
Julie A. Johnson
Patricia Ann Kimball,
with high distinction
Katalin Metro
Harold Richard Phillips,
with distinction
Ruth Christine White,
with distinction
Elda Ann Young

MICROBIOLOGY

Mary Ann Burgett
Linda Diane Psyk
Linda L. Tipton

PHYSICAL EDUCATION

Jack Joseph Harris

PHYSICS

Mark A. LeVan

POLITICAL SCIENCE

John R. Arnold Jr.
Carey Samuel Bay
Jeffrey Roy Bluhm
Jeffrey R. Boehm
Thomas Jesse Bothwell,
with distinction
Jeff Coen
Edward DeCoste
Tom G. Dempsey
Danell A. Enright
Terrence George Eyle
Charles B. Felix
Hugh McCarty Fox,
with distinction
Albert Jasper Hackworth,
with distinction
Dria Wynnette Jewell
Stuart M. Kaye
Alice Basnett Kerr
Jeffrey Prentice Kilgore,
with distinction
Andrea Sue Koonce,
with distinction
Andrew Otto Meyer
Richard William Munson
William Bruce Pitzer

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Cherie Lynn Schulz,
with distinction
Barry John Statia
Tim J. Stucky
David William Townsend
Neil Chamberlain Van Tuyt
Robert David Zeman

POLITICAL SCIENCE-PUBLIC
SAFETY ADMINISTRATION
Arthur Wadsworth Baker

PSYCHOLOGY
Monty Craig Bondurant,
with distinction
Paula R. Casey,
with distinction
David Alan Deen
John Clements Dibble
Karen Passow Fanjoy,
with distinction
Julie Ann Forsberg
Alfred Edward Johnson
Donald C. Langford
Ronald Earl Mays
Janene Gay McNeil,
with high distinction
Terrence Patrick O'Neill
Carolyn K. Passamonte,
with distinction
Dale Edward Schuerman,
with distinction
David Scott Smith
Joyce Elaine Vincent,
with high distinction

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James Daniel Bennett
Hugh Martin Campbell Jr.
Nancy B. Cole
Nate Allen Einbund
Kathy Ann Eriksen
David Charles Goad
John Michael Howe
Jon Anthony Kerr
Linda Tubbs Manten
Paul Roland Provencher
Rita C. Siegfried
George Michael Slayton
Denise Kay Turner

RECREATION
Victoria LeGriel Barker
Charles W. Benson
James Owen Cade
Donald Edward Cole
Pamela Sue Cox,
with distinction
Debra Jean Curl

David S. Hackitt
Edward Joseph Hart Jr.
Sue Jean Shindler
Steven Leslie Whipple,
with distinction
Brent Atwood Whiting

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Olive Edgell Bussell
Pam Davis
Shari L. Dobbins,
with high distinction
Linda M. Fraser
Vernon Richard Johnston
William M. Kellem,
with high distinction
Sally Ruth Giff Pablo
Rita Rich,
with high distinction
Peter D. Rios
Nancy Christina VanAken,
with distinction
Patricia J. Weiler,
with distinction
Michael Manor Wilson

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Richard John Airis,
with distinction
Mary Jean Anderson
Catherine Cosgrove Arredondo
Richard H. Bancroft
David Brian Berluti
Steven David Binder
Gary Robert Boyd
Richard Carl Brown
Thomas James Brown,
with distinction
Carolyn Reva Green Chapman,
with high distinction
Walter Douglas Conley,
with high distinction
Carter Austin Crile
Gerald David Daniels
Gwendolyn Gail Deasy
Kenneth Bruce Dixon,
with distinction
George M. Ferra
Amy Fisher,
with high distinction
Barry Paul Fitzpatrick
Kathryn Elaine Flores
Will Edward Friend
Robert Kohl Kermonde Ganster Jr.
Deborah Anne Gardner,
with distinction
Kathryn Heitel
Nancy Heitel
Connie Hellstern
William Millican Hendrix

Steve D. Hissem,
summa cum laude
Thesis: Value-Committed
Science
Kristin Janis Hitchcock,
with distinction

James Michael Hogan,
with distinction
Nancy Ann Joyce
Terry Ellen Landa
Nancy L. Laughary
Frank Jerry Leal
Lawrence F. Lihosit
Denise H. Marks
Martin John Maynard
Keith Maxwell McConnell
Susan E. McDaniel
Johnny Medrano, Jr.
Johanna Maria Metzner
Susan Lynn Norris,
with distinction
Jane Anne Pawluk
Joel A. Rice
Michael David Rosenthal
Marilyn Mary Ross
William E. Spear,
with distinction
Kristin Anderson Vassar
Mark Macdonald Wetten
Robert Barry Youmans

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Wende Rae Bokamper

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Nora Elizabeth Graf
William Donald Joslin Jr.
Donald Harvey Kellogg
Marjorie Gail Kline
Morriss Meredith Miller
Kenneth Joseph Rodgers
James Michael Scalero,
with distinction
Robert Alan White
Jerome Edward Yuhas

X-RAY TECHNOLOGY
Terry F. Pawlak,
with distinction
Nancy Ann Sander

ZOOLOGY
Hector Anthony Abril
Donald Charles Altman
Steven Neal Anderson
Robert J. Barber,
with distinction
Thomas Joseph Hecker
Linda Jan Hubbard,
with distinction

Norman E. Katz,
cum laude
Thesis: Histological and
Histochemical Composition of
Ovaries and Embryos of the
Golden Hamster at
Mid-gestation

Jeffrey P. Larson,
with distinction
Jesse D. Olson
Richard Steve Rudnyk

Emmerick John Szamosi,
with high distinction
Frank G. Zalom,
with distinction

Candidates for the Degree of
BACHELOR OF SCIENCE
To Be Conferred on May 17, 1974
Subject to Completion of Requirements

ANTHROPOLOGY

Barbara Ellen Builder
David Michael Dettmer
Richard Alvin Dickie
Carolyn Therese Kinney
Michael Paul Randall
Milton Anthony Wright

BIOLOGY

Ruben Aguilera
Nancy Ruth Crawford
Ginger Cutler
Paul William D'Arezzo
Scott Thomas Erickson
Mary Lynn Formanack
Robert William Heyman
Mary Kimble
Vincent John Lewis
Jorge A. Manrique
Cassius Dana Richardson
Penelope Deanne Sheldon
Michael Robert Smith
Robert Scott Thomas
George Lee Tresler
John Eugene Warling
Fredrick H. White
Linda Jeanne Williams

BOTANY

Michael Zavada

CHEMISTRY

Rickie Mitchell Adams
Ronald John Brennan
Martin James Brophy
Daniel Kang-Hang Chan
John Maurice Charles
Stephen Alan Cromack
Clyde William Davis

Kim A. Hartman
Honors Thesis: Investigative
Study of Mouse Uterine Protein
as Compared to Rabbit Uterine
Protein

Bob N. Hiser
Michael Joseph Mobley
Stephen Therald Moeller
Honors Thesis: A Study of the
Irreversible Denaturation of
Bovine Ribonuclease

Li Jin Pang
Debra J. Parker
Valerie Anne Paulus
Honors Thesis: The Hydrolysis
of N-Acetyl- n'-
phosphoroguanidine

Martin Lyle Phillips
Michael W. Rodgers
Francine Y. Walthour
Ted Regan White

ECONOMICS

Steven Roger Herman
Barrick Allyn Smart
Mark Eric Wilson

GEOGRAPHY

Michael Arndt
John Granvil Bates
Mark L. Burke
Frederic George Buttle
Fred J. Cohen
Frank Eugene Emery
Douglas Shelton Ham
George Levant Hermann
John Edward Kamps
Lambert Leonard Lind III
Anne D. McCutcheon
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William George Poach Jr.
Jon Michael Sypher

Dan Freeman Yurkovich

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Dan M. Gish
Richard Jerry Louie
Thomas O. Pickens

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Bradley K. Anderson
Dyan Lee Bryant
Mary Diaz Gonzales
Faafetai Hunkin
John P. Koeppen
Thomas William Lybrook
Carol Ann Quintana

HEALTH SCIENCE

Susan Jo DeForest
James W. Kaylor
Deborah Jean Roberts

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Georgina Marie Anderson
Karen Lyn Greenhagen Anderson
Linda Ann Barrett
Judith Marie Bender
Sylvia Arline Branstiter
Kathleen Mary Busch
Debra E. Ciapusci
Jacquelyn Sue Cochran
Monica Lee Cox
Pamela Marie Dahms
Catherine Mary DeGennaro
Ann Marie Donohoe
Sabina K. Elliott
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Helen Marie Hargett
Susan J. Hendrix
Marianne Elizabeth Hulse
Marla F. Hultquist

Suzanne Louisa Humphlett
 Terri Sue James
 Diane Elizabeth Jurkovic
 Keren S. Kattelman
 Barbara Ann Kennedy
 Judy Lee Kennedy
 Mary Lou Kielgass
 Terese Kissner
 Elizabeth Louise Knefel
 Patricia Louise Langen
 Gayle E. Lawrence
 Jane Eleanor Leeburg
 MaryLynn Lindquist
 Judy Andrea Lohse
 Gay Lyn Luhrs
 Diane Lynne Maki
 Henrietta Pearl Malene
 Rachelle Manriquez
 Elizabeth Grey Martin
 Nancy Lee Martin
 Marina Ynez Martinez
 Areta Matlack
 Cindy Jane Miller
 Karen Ann Morando
 Mary Margaret Mulhern
 Terrie Elizabeth O'Farrell
 Theresa Ann Ortiz
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 Joan Clare Penaskovic
 Claudia Frances Pusko
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Robert Barrett
 Charles Alan Crosby
 Deborah Lynnette Ellison
 Richard N. Fleming
 Neil Robert Harris
 Dan M. Huff
 Ronelle Genevieve Moorehead
 Robert Allen Reeder
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Cora A. Bergozza
 Gregory A. Bian
 Carolyn Elizabeth Body
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 Ross H. Cook
 Charlotte Victoria Daum
 Donald Michael Dechaine
 Mark Andrew Espeland
 Michael S. Grider
 William H. Hale Jr.
 Robert Keith Johnson
 Glenn D. Jolly
 Elizabeth Ann Keyack
 *Honors Thesis: Linear
 Programming and Input-Output
 Analysis*
 J. Timothy Korb
 Lowell E. Kulp
 Stanley A. Leake
 Gary Allen Lundburg
 Daryl D. Manhart
 Thomas James McKinley
 *Honors Thesis: An Elementary
 Survey of Tensor Theory*
 Deborah Kay Moorhead
 *Honors Thesis: The
 Fundamental Ideas of
 Operational Calculus*
 Kathleen Gail Morris
 Nancy Kathryn Niemi
 Gary Bruce Ostrander
 Jacqueline Dianne Peterson
 Mary Lou Posz
 Loretta Jane Wich
 Donna J. Woods
 Annette Theresa Worthington
 Leslie Ernest Wyatt

MICROBIOLOGY

Billy Steven Altman
 Charles Clinton Bertke
 Jeffrey Craig Buller
 Deborah Mae Duke
 Karen S. Eggleston
 David G. Evans
 Linda Louise Haney
 Jackie-Mae Lenora Hill
 Heather Lee Kalin
 Bruce Edward Maddox
 Karen Anne McCaustland
 Brian Joseph Rampsch
 *Honors Thesis: Mutations
 Associated with Nalidixic Acid
 Resistance in Escherichia Coli
 KL98*
 Susan Kay Rudel
 William Lawrence Smith
 Jane Marie Veres
 Debra Ann Walter
 Craig Herbert Winter

PHYSICAL EDUCATION

Michael L. Carl
 Wallis Eugene Hubbell
 Michael William Roberts

PHYSICS

Michael Paul Autore
 Jeffrey Harold Butler
 Terrence James Driscoll
 Susan Jane Fairchild
 Stephen Paul Robb

POLITICAL SCIENCE

Khalid Abdullah Aba-Alkhel
 Michael Paul Alden
 Michael Edward Arruda
 John Ronald Balfour
 James Powell Benninger
 James Daniel Bentley
 Terry Berheim
 Claire A. Bollinger
 Paul Marion Bonestroo
 Brent Leo Boyer
 Richard F. Bram
 Stephen Brunstein
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 Michael D. England
 Thomas Edward Evangelisti
 Wm. J. Feldmeier Jr.
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 Frederick Larry Gammage
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 Edward Albert Glenn
 *Honors Thesis: The Banausic
 Mind: Its Import for
 Government*

Harvey Samuel Goodman
 Martin David Gutierrez
 William A. Hackley
 Steven D. Hallock
 Gary Michael Handley
 Roland Hideo Harada
 Nanci Sue Harris
 David Maxwell Haslett
 Mark Hunter Haynes
 James Michael Hicks
 John Richard Howard
 William Patrick Hughes
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 Gary Gene Kiehlbaugh
 Robert Werner Koch
 Harry M. Kulwin
 Gary Vance Kuykendall

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Barry Paul LeClair
David Andrew Lewis
Cynthia Clark Lihosit
David Fletcher Lucier
Harry Leo Manion

*Honors Thesis: Loss of the
Center: The Democratic
Presidential Nomination of 1972*

Robert Ellis McBirnie
Scott Lee McGaugh
Robert J. McIntyre
Lee Heusch McNeal
Jerry Franklin Mix
Eugene Roland Monson
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Phillip Louis Silberstein
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Michael Wells
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John Miles Ziriaux
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Robert Frank Gondelman
Gary Edward Hoskavich
Robert Larry Lazzara
John David LeHockey
Steven Dietz Lusk
David W. Mann
Robert A. Podolsky
David Estel Price Jr.
Susan Diane Prust
Becky Sue Ray
Earl Thomas Ropp Jr.
Joy F. Rothke
Joel Keller Schiffman
William Ben Storey
Robert E. Straus
Marcus Alexander Wright

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Donald William Baker
Susan Morell Baker
Timothy William Barbour
Ann Christine Barlow
Lois Mary Bartholomew
Lawrence Dean Blanchard
Paul Roy Brizendine
Judith Kathleen Castillo
Marc Leonard Cohen
Carolyn Stewart Creekmore
Michelle Marie Dentraygues
Peggy Jean Dodt
Ramon A. Elias
Jacquelyn Elkins
Charles David Fisher
Allen Charles Jaten
Karl Fielder Kuether
Kristin Marie Markus
Deborah Lee Mattson
Mary Susan Nicholson
Martin Joseph Ohab
Mary Louise Rockel
Carol Elizabeth Sandvig
Michael Lavern Schultz
Gary David Stein
Patricia Lynn Westfall

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Sue H. Gillingwater
Arlene R. Glazer
Carolyn C. Greer
Debra Sue Heling
Mary Ann Herrick
Cathy Jo Hinz
Georgia L. Johnson
Lesley Ann LaPrade
Diane Elizabeth Lewis
Laura Margaret Luby
Barbara Lee Maas
Patricia Fay Macjennett
Raymond Leslie Manning
Kristine Gale Matters
Olivia Mendoza
Zelma Jean Miller
Terry Kraus Minkler
Rochelle Ann Opalek
John James Preda
William J. Rogers Jr.
Bonnie Elsie Simmons
Alicia Laura Smalley
Cary Clement Stevenson

Curtis A. Stevenson
Ella M. Varbel
Wilfred Wellington
Deborah Mary Westcott
Linda Jo White
Nancy Ellen Yohe

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Patti Lee Bailey
Nancy Ellen Balentine
Thomas Preston Blackshear
Karen Lee Blatecky
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Nancy Ann Burbeck
Dave Butchko
Ronald J. Campbell
Nancy Ann Celaya
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Shirley A. Clark
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Katherine Lucinda Cook
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Patricia Lee Davis
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Deborah Jean Wilson Edmunds
Jean Florence
Becky Lee Gaintner
Stephen Raymond Gottschalk
Maudina Christine Hodgson
James Andrew Hollstein
Jonna Lou Jackman
Melvin Lewis Jenkins
Jonathan Leroy Johnson
Linda Marie Johnson
James Michael Jones
Avie Claire Fortgang Kalker
Patricia Anne Kelso
John Patrick Kinkel
Bonnie Joan Klahr
Steven Saul Kogan
Stephanie Konkus
Anastasia J. Konomos
Evelyn Doreen Lagunas
Amy Jo Levin
Sally Olga Liff
Elijio Lopez Jr.
David Dean Manthei
Judith Anne McCaffrey
Vicki Lynne McCarty
Karen Leigh McKim
Scott Carson McLellan
Janet Lynn Mead
Linda Jo Mesirow
Philip Anthony Mitchell
Kenny Darrel Morris
Michael Kenneth Olson
Thomas Alvin O'Reilly
Georgia Paras
Rachael Ellen Pitts

Terri Lyn Pitts
Jonathan Joseph Plesec
Rose Marie Rhoads
Earl Robert Richardson
James Earl Sargent
John Bruce Savage Jr.
Lyle Leslie Schilling
Theodorus Bernardus Marinus
Schreur
Barbara Jean Shannon
Jean Marie Sheaks
Mary Mumphrey Stinson
Darnell D. Thomas Jr.
Ruth E. Thornton
Lonna A. Ulrich
Thomas Stuart Verbil
Debra Rhonda Waldon
Lawrence James Walton
Allen H. Washington
David Wayne Waugh
Mary Ella Wensel
Diane M. Wheeler
Burke Frank Whitfield
Michael George Wilkinson
Ilka Lelia Williams
Robert Martin Wininger
James Whitfield Young

SOCIOLOGY-PUBLIC SAFETY

Ramiro Arevalo Quezada Jr.

SOCIOLOGY-SOCIAL WELFARE

Carmen Marquez McGowan

WILDLIFE BIOLOGY

Richard Allan Beuerman
William I. Butler Jr.
Paul Joseph Conry
Wendy Caye Hodgson
Larry L. Holland
Wayne Charles Jazak
Renard Lee Jolly
Mark Warren Lowans
Dana Carl McGehee
John Raymond Morgart
Gene Kaoru Okamoto
Paul Charles Paquet
Jack Christian Petersen
Don Alan Pollock
Bill Frank Powers
Richard R. Remington
Benny Allan Robertson
Rick F. Seegmiller
Nancy Ruth Smith
Randall William Smith
Susan Amelia Smith
Larry D. Voyles
James Joseph Warnecke
Lowell Dean Whitaker

X-RAY TECHNOLOGY

William J. Hughes
Mary Nell King

ZOOLOGY

Daniel Adrian Adams
George Randolph Alexander
Charles Gene Arthur
Barbara Jo Beier
Joseph Dean Bennett Jr.
Patricia Ann Charochak
Kenneth Chester
Randil Lee Clark
Lance Harold Cypert
Eric Carl Dermer
Matthew Thomas Durkovich
Murry Edwin Everson
Clay Freeman Fasig
William Robert Fitzgerald
Alan Dale Fleming
Janet Martha Ford
Kathleen L. Ford
Eric Stevens Gustafson
John Duke Harris
Cathryn Alice Hart
John A. Hnida
Mindy S. Hoffman
John Edwin Hull
Howard W. Jones
Frank Philip LaGrotta
Thomas Richard Lawson
Thomas Edgar McCall
Denis Jay Meerdink
Lynn Robert Metzger
Thomas Roy Miller
Douglas Roberts Olbert
Norris Darwin Phelps
Kathleen Dale Podich
Laird Montgomery Proctor
Herman Dwight Rawlings
Daniel Jay Remmler
Garry Louis Shook
Steven Robert Shoop
John Robert Siler
Gregory August Skipitis
*Honors Thesis: A Comparative
Cytogenetic Study of Oocytes
from Aged and Young Female
Mice*
James R. Smith
Wanda Anne Story
Mark Jeffrey Tamsen
Dennis Eugene Weill
Alfred Herbert Witting Jr.
Jeanne Marie Wolfe
Craig Alan Yort
Lawrence LeRoy Young III

COLLEGE OF EDUCATION

The Recipients and Candidates Will Be Presented By

DEL D. WEBER, ED.D.
Dean of the College

BACHELOR OF ARTS IN EDUCATION

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Degrees Conferred September 14, 1973

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Pamela Jill Armijo
Dorothy Vivian Baker
Anthony Miles Barnett,
with distinction
Helen Suzzanne Barr
Betsey Becker
Eugene Phillip Beckett
Alexander Belous
Laurie Ann Benedict,
with distinction
Lawrence H. Blinn
Lana Patricia Boyle
Karen Ann Boyles
James Albert Brady
Astri Bragstad
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Brenda Sue Chastain
Loretta Ann Chilton
Constance Christman
Charlene Ellen Coon
Kathlene Susan Culbertson,
with distinction
Rose Marie Danner
Jean Susan Davis,
with distinction
Fernando Dela Garza
Timothy R. Dismond
Patricia L. Doerschlag,
with distinction
Gordon Robert Drinen,
with high distinction
Deborah Ann Emery
Betty Lai Eng
Billie Jean Enz,
with distinction
Nedda Dara Feiler
Carolyn Jean Fleming,
with distinction
Linda Sue Fox
Joseph Allan Freeman
Pamela Jane French
Virginia Anne Garber
Janet Lee Gieszl

Madelynn Goldfarb
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Cecilee Hancock
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Blake Thomas Hon
Patrick Ross Immel
Phyllis A. Isabell,
with distinction
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Mariane Magdalene Jolly,
with distinction
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Colleen Sue McDaniel
Lois Katherine McFadyen
Patricia Anne McGann,
with distinction
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Candyce Sue Millenacker,
with distinction
Marsha Ann Miller
Deborah Sue Monninger,
with distinction

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Ann Vogler Murray
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Sharon Kay Nietzel
Anna Mary Scarla O'Hara
Winston Palmer
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with distinction
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with high distinction
Rene R. Stearns,
with distinction
Sheridan Kay Stringer,
with high distinction
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Shirley Loraine Thruston
Alden William Turner
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with distinction
Lisa Jo Whisler,
with distinction
Benjamin Hasty Womack
Joy Dickson Woods
Michael Young

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Degrees Conferred January 16, 1974

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with high distinction
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with high distinction
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Ada Rose Beechner,
with distinction
Carol Ann Bell
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Cheryl Louise Blanco
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Kathleen Ann Breedlove,
with distinction
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Ronald Joseph Butts
Carla Grace Cantrell,
with distinction
Patricia Kay Caplan,
with distinction
Whitney Porter Challoner
Shirley McKowski Chico,
with distinction
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Barbara Kay Cionca,
with distinction
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with distinction
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Billene C. Cranny,
with distinction
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Denise Joy Dalton,
with distinction
Paula Jean Dalton,
with distinction
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with high distinction
Paul B. Davis
Constance Marie Donkersley,
with distinction
Patricia Ann Dora
Paul Edward Dudine

Robert Edwards
John Austin Erwin,
summa cum laude
Martha Gloria Estrada
Patricia A. Estrada
Jeffrey A. Farber
Sandra Keith Forrest,
with high distinction
John Antrim Foster,
with high distinction
Susan Lynne Germer
Elizabeth Ann Goebel
Harold Lloyd Goodner,
with distinction
Deborah Rose Gordon
Jorja Beth Goulder
Carmela Julie Gouveia,
with high distinction
Katherine Yvonne Granillo,
with distinction
Elaine Grobstein,
with distinction
Geraldine Haas
June C. Hale,
with high distinction
Nola Terry Hale
Nancy Dowd Harvey
Terry Royden Head
Robert Dean Heath,
with distinction
Sonia Poli Hechanova
Nancy Ann Heinritz
Betty Jane Heintz
Mary Virginia Henry,
with distinction
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Donna Rae Hoel
Peggy Hokin
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with high distinction
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Marilyn Ann Kegerreis,
with high distinction
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Johannah Knoll
Kendra Fae Knox
Rebecca Diane Kriese
Connie Catherine Larry,
with high distinction
Cinda Mae Lasinski

Karen Elinor Leake,
with high distinction
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Barbara Ann Lemons
Elyse Jerrylyn Lerner
Stephen Roark Lewkowitz
Carol Kaufman Long
Daniel Jed Lonsberry,
with distinction
Charlee Ann Lowenthal
Barbara Ann Ludden
Evelyn Kathleen Lunceford,
with distinction
Angelina Soza Maas,
with distinction
Aretta Mae Mabbitt
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with high distinction
Frances Serrano Martin,
with distinction
Mary Reiko Matsumoto,
with high distinction
Marilyn V. McCarthy
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with distinction
Kris Ione Mies
Patricia Marie Moffat
Linda Wilson Monaghan,
with distinction
Nance Anne Montgomery,
with high distinction
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Jane Pauline Murphy
Barbara J. Nelson,
with distinction
Wilma Jean Nelson,
with distinction
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Dianne Mary Petrosino
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with high distinction
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with distinction
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with distinction
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with distinction
Catherine Ann Prairie

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 Susan Lee Reedall,
with distinction
 William Everett Richardson,
with distinction
 Marguerite Ann Riddle
 Cheryl Lynn Robertson,
with distinction
 Janet Wilcox Rockey,
with distinction
 Arthur Henry Rojas
 Jane Rosenblatt
 Dorothy J. Rowley
 Russell Calvin Runyan,
with distinction
 Deborah Gail Sain

Jessica Mathilda Sampson
 Leslie Ann Sanders,
with high distinction
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 Janece Ione Scow
 Patricia S. Shanks,
with distinction
 Deborah Karen Shields
 Cathleen Rae Skinner
 Jimmielou Slater
 Janel Smart
 Richard A. Smedstad
 Christina Lynn Redondo Smith
 Janet Louise Smith
 Lorna Mae Snedigar
 James White Sprague
 Sandra Brock Sproule
 Monica L. Stamets,
with distinction
 Susan Leone Staryk
 Susan R. Stover

Kathy C. Sullivan,
with distinction
 Judith Ellen Taback
 Willa S. Taylor
 Allan Thomas Teichman
 Thomas Michael Tirella
 Charlotte Flipper Troup
 Tenna Lucille Tucker
 Cynthia Kay Turner,
with distinction
 Nancy Lynn Umberger
 Nancy Carvel van der Burch,
with distinction
 Ann Louise Walker
 Susan Jeanne Wehmüller,
with distinction
 Sherri Lynn Weitzel
 Rita Kay Wiley
 Tyrrell E. Winfrey
 Mary A. Zuniga

Candidates for the Degree of
 BACHELOR OF ARTS IN EDUCATION
 ELEMENTARY
To Be Conferred on May 17, 1974
Subject to Completion of Requirements

Laurella Rae Alvis
 Barbara Lee Amster
 Elsa E. Apilado
 Henry Martan Arballo
 Christine Marie Armstrong
 Stephen Curtis Ashner
 Cynthia L. Atwood
 Wilma Joann Heinzl Auer
 Barbara Elaine Aymar
 Michael G. Bada
 Diana Zapata Baiz
 Diana Lynn Bales
 Charol Ann Balkenbush
 Scott Deke Ballard
 Maria Luisa Banda
 Billie Rae Barnett
 Linda Kathryn Barney
 Elizabeth Jane Barr
 Trudy Lee Barraza
 Sandra Kay Barrett
 Nancy Virginia Batchelder
 Deborah S. Batsell
 Deborah Anne Baum
 Adele Simon Beakley
 Diane Marie Bebee
 Linda Jane Beck
 Teresa Lynne Craig Beckett

Marion Earl Bell
 Peggy Fox Bell
 James Merritt Bennett
 Christine Ruth Bethards
 John H. Bircumshaw Jr.
 Lorna Joyce Bixby
 Marcella Jean Bloomfield
 Sheila Anne Bowers
 Barbara Ann Bowles
 Homer Jefferson Bowman
 Carolyn Ruth Brackett
 Diane Bradbury
 Paula Diane Brannon
 Patricia Brock
 Maile Marie Buck
 Dan T. Buffum
 Debbie J. Burford
 Janet J. Burton
 Joan Carolyn Butler
 Gina Dee Cain
 Deborah Dee Caldwell
 Marijane Call
 Deborah Ann Carioty
 Hillary Ann Caston
 M. Jeanne Caudle
 Georgia Cavallas
 Bobette Marie Chastain

Hollis Diane Chayet
 Amy Beth Chester
 Frances Carmella Chester
 Deborah Kay Christensen
 Carolyn Ann Cilley
 Janet Louise Civalier
 Joyce Clare Clifford
 Constance Deyo Clinton
 Debra M. Cluff
 Walter C. Coffman
 Carol Jeanne Copple
 Jeannie Clare Copple
 John Douglas Corey
 Lorraine Corona
 Helen Louise Cota
 Jane Cotton
 Cathryn Diane Cottrell
 Gregory Steve Couvdos
 Gina Angelique Crawford
 Melissa Ann Currens
 Kelly Marguerite D'Addea
 Deborah Dalton
 Maureen Agnes Dalton
 Valerie Anne Denson
 Marilyn Kay DeSelms
 Susan Leilani Dolinsek
 Karen Sue Dollar

Jessie Norine Donahue
 Deborah Anne Dorius
 Lynn Theresa Downend
 Oscar Lee Dragon
 Maryellen P. Drasler
 Edward James Duke
 Karen Lee Duke
 Patti Jo Durben
 Sara O. Dusenberry
*Honors Thesis: Developing a
 Combination
 Individualized-Small Group
 Strategy for Teaching
 Mathematics at Third Grade
 Level*

Elaine Margaret Eaves
 Dalen Milton Edington
 Kathleen L. Edwards
 Heidi Patrice Elsner
 Alonzo Emery
 Bobette Joy Enger
 Kathryn Lynn Esser
 Ernestine Conner Estrada
 JoAnn Evans
 Jeanette Evdasin
 Susan Kay Faber
 Ralph Nicholas Fabrizio Jr.
 Linda Feinblatt
 Brian Feldman
 Nancy Joyce Ferguson
 Esperanza Adela Figueroa
 Mark Wayne Fillinger
 Barbara Jean Fitzgerald
 Diana Marie Flaherty
 Mary Lee Fletcher
 Linda Diane Flinn
 Josephine Helen Flipper
 Norma Elisa Fontes
 Edda Cecile Ford
 Kathleen Jo Forrey
 Michael Rea Franevsky
 James Alan Franks
 Margaret Elaine Frederick
 Debra Kay Friedhoff
 Margaret Elizabeth Gallagher
 Flora Elizabeth Gallardo
 Matthew Schubert Garner
 Charles E. Gartell
 Betty Jane Gile

*Honors Thesis: Application of
 the Language Experience
 Approach to the Instruction in
 Literacy*

Janet E. Gironda
 Gail Ann Gordon
 Kenneth Jay Gordon
 Nancy Lynn Greenlaw
 Suzanne Greenwell
 Mary Linda Alvarez Greeson
 Cheryl Marie Greinke
 Gail A. Griffin

Larry Elmo Grohman
 Jorge Gutierrez
 L. Leilani Hadd
 Joyce Ann Hagan
 Kathryn Ann Hall
 Reedy Derek Hall
 Shirley Edith Halpern
 Virginia Ann Harden
 Deidre Anne Harper
 Carol V. Harris
 Colleen Sue Harris
 Karen Louise Hartney
 Carolyn Jean Hartung
 Suzanne Auvil Harwood
 Barbara J. Hasbrook
 Lydiann Gayle Hatfield
 Nancy Powell Headley
 Cynthia Meeker Henry
 Rose Marie Heredia
 Robert Lauer Hetrick
 Cynthia Dianna Higginson
 Gwen Denise Hillpot
 Diane Marie Hindman
 Corrine Gay Hoag
 Margareta Kerstin Hollingsworth
 Trudy Lynn Holmes
 Susan Mae Hom
 Bobbie Jaunice Honeycutt
 Tamara J. Honts
 Cheryl Annette Hopper
 Lanna L. Hornung
 Joan Elizabeth Hoyer
 Shirley Ann Huddleston
 Jo Ann Hulse
 Thomas G. Huntington
 Terri J. Huso
 Beverly Kim Ing
 Connie R. Ingram
 Darlene Joy Jackson
 Mike C. Jaurequi Jr.
 Bobby J. Johnson
 Donna Mae Johnson
 Laurence Franklin Johnson
 Bonnie Jo Joyce
 Gerald S. Juster Jr.
 Susan Lee Kahl
 Linda Diane Kahn
 Dorothy Evelyn Kalember
 William Kaplan
 Martin Louis Karaba
 Sheila Sue Kee
 Deborah Kay Keeton
 James L. Keith
 Susan Jenette Kerns
 Joan Irene Konopka
 Laurie Gail Konwith
 Sandra Rae Krauel
 Carol Patricia Lacey
 Jessica Johnson LaGree
 Patricia Alexis Lamb
 Kristie Lynn Landis

Janet Marie Langer
 Brett Elaine Lansdell
 Barbara Jean Lawsen
 Ellen Lynn Laybourne
 Frank Leite
 Aurora Salas Levario
 Rachel Ruth Levens
 Linda Ann Ligon
 Kathleen Ann Lilley
 Regina Marie Litfin
 Victoria Diehl Lively
 Therese Louise Lochry
 Cathleen Anne Longstreet
 Marlene Robin Lupion
 Barbara Ann Lyons
 Iolene Anice MacDonald
 Niki Lynn Macumber
 Florence O. Mandel
 Janice Ann Maranville
 Sharon Gale Marcus
 Sharon Martinez
 Suzanna Martinez
 Janice Elaine Mathews
 Linda Marie Matthews
 Debra Sue May
 Patricia Jane McCall
 Patricia Read McCarthy
 Marilyn Carol McCarty
 Mary Rebecca McCook
 Margaret Loa McElwain
 Loretta Desroches McGann
 Cynthia Lane McLeod
 Bette Jo Mealey
 Margaret Sue Meierotto
 Betty Jane Melander
 Deidra Kae Mendenhall
 Geraldine Ice Merrifield
 Barbara Joanne Migrock
 Shirley Ann Millenacker
 Marcia Kay Miller
 Wyonas P. Miller
 Cynthia Jean Milum
 Lorenza Miranda
 Sarah Elizabeth Mitchell
 Joanne Moccaldi
 Carol Denise Moore
 Carla Irene Moran
 Betsy Jane Morrison
 Susan Diane Morrison
 Karen Sue Moser
 Marion Mary Murphy
 Linda Violet Murray
 Patricia Sue Musgrove
 Georgi Lynn Nagel
 Burrell Robert Neal
 Sharon Kay Neal
 Connie Jean Nelson
 Randy Jay Nelson
 Michael Stanley Neminsky
 Denise Donna Nesemeier
 Lizbeth Jayne Newman

Annette Louise Niles
 Jane M. Nobert
 Patrick Thomas O'Brien
 Gail Adele Obstfeld
 Kerry Ann Olson
 Susan Oprandy
 Judy Osborne
 Charles William Owen
 Connie Jean Owings
 Catherine Ortega Padilla
 Linda Ruth Page
 Marlene Ann Painter
 Katherine Becker Paquette
 Barbara Jean Parnell
 Faye F. Patrenos
 Melinda Armijo Patrick
 Lisa Ann Paugh
 Steve Michael Pebler
 Alma L. Perez
 Gayle Lee Petty
 Linda Cooley Phelps
 Lois Eileen Phelps
 Barbara T. Phillips
 Anne Elizabeth Pieszak
 Peggy Jeanne Plumlee
 Kimberly Layne Pope
 Rebecca J. Post
 Deborah Powell
 Robin Ina Protas
 Jo Ann Pulsipher
 Kathy Sue Ann Radina
 Vicki Lynn Ramsey
 Lynne Wolfard Randall
 Ann Elkins Rawlings
 Therese Ann Reeve
 Betty Jean Reinhardt
 Joan Louise Relf
 Jeri Lynn Resnick
 Sylvia Ann Reyes
 Debra Jean Richards
 Adreinne L. Richardson

Joyce Marie Rickman
 Bonnie Jean Rider
 Dora Flores Rios
 Martha Rivera
 Diana Lee Roberts
 Maria B. Roclevitch
 Roxanne Rodgers
 Elizabeth Ann Rood
 Laura Jeanne Roof
 Carol Ann Rowley
 Mollie Ruchman
 Carol Ann Ruettinger
 Marilyn Ann Ruff
 Arlene Erma Russell
 Mary Josephine Sandomir
 Emily Patricia Sandoval
 Mary Elizabeth Sarti
 Juan Garcia Saucedo
 Therese Annette Scheid
 Sara Schlemeier
 Janet Lynn Schrieber
 Paul Michael Schucker
 Lisa Suzanne Segall
 Jan Louise Seidel
 Harvey Lawrence Shapiro
 Susan Elizabeth Shea
 Lana Arleen Shields
 Deborah Ann Shipley
 Jean Anne Sirrine
 Carol Marie Smith
 Flora H. Smith
 Valerie Jean Smith
 Donna M. Solano
 Shirley Jane Souch
 Karen Rose Spini
 Lauren Judith Springer
 Donald Ray Stacey
 Terry J. Stack
 Catherine Ann Stafford
 Sandra Lee Stammler
 Lillian Grace Steele
 Sharon D. Steinberg

Janet Fae Steuver
 Michelle Marie Stirpe
 Victor Stryker
 I. Jean Sweeney
 Pamela Eloise Sweeney
 Mitchell Stephen Teller
 Marie Elizabeth Ternosky
 Lynn Irene Thayer
 Elaine Maria Tinberg
 Donn Berlin Tipton Jr.
 Jose Ramon Torres
 Janet W. Underhill
 Barbara M. Valencia
 Patricia Ann Valentini
 Sarah A. Valenzuela
 Jennifer Lynn VanDevander
 Deborah Ann Walczyk
 Andrea Ellen Waldsmith
 Rebecca Ann Walker
 Christine Anne Wallace
 Robin Joy Walsh
 James Andrew Ward
 Regina J. Washington
 Beatrice Jane Watts
 Janet Amy Weil
 Pamela Sue Wells
 Lydia Sue Whitey
 William Richardson Wilbur
 Nena Mary Williams
 Donald H. Woo Jr.
 Charlyn Vicki Wood
 Denise Marlene Woodburn
 Edward Leslie Wright
 Rose Janet Yazzie
 Stephanie Ann Yee
 Janet Lynn Yockey
 Patricia R. Yorgensen
 Raymond Thomas Zelenski
 Donna Marie Zepp
 Charles Edward Zimmerman
 William Edward Zimmerman

BACHELOR OF ARTS IN EDUCATION

SECONDARY

Degrees Conferred September 14, 1973

ART

Debra G. Wakefield Chevalier,
with distinction
 Maureen Louise Feeney,
with distinction
 Catherine Mary Gilardi,
with distinction
 Marilyn Lois Grimes,
with distinction

Kathleen Marie Jackson
 Linda Suzanne Scott
 Barbara Jean Smith,
with distinction
 Karen Elizabeth Spotts,
with distinction

BIOLOGICAL SCIENCES

John Michael Hitt,
with distinction

BUSINESS

Robert Ray Bourne
 Joseph Green Jr.
 Marie Mildred Velonis

BUSINESS, OFFICE AND DISTRIBUTIVE EDUCATION

William Edward Griffin
 Jerrie Lynn Matthews

CHEMISTRY

David Lawrence Byrum

COMMUNICATION ARTS

Kathy Ladonna Baze

DANCE

Blanche Elizabeth Berry

ENGLISH

Beverly Dorene Carnahan

James Clifford Cleveland

Ann Colleen Connolly

Lynda Hooks Davis

John Calder Duncan

Thomas Logan Dunning,
with distinction

Emily Ellen Fletcher

Marla Sue Hansen

Barbara Ellen Johnson

Mary Kathryn LaPota

Mary Lou Monaco

Jean Marie Pretzer

Jon Alan Richardson

Hilda Ramer Ross,
with distinction

Duane Robert Schulz,
with high distinction

Margaret Mae-Nita Simon

Diana Lynn Steel,
with distinction

Ina Lee Stein

Jacque L. Wright,
with distinction

FRENCH

Renée Esther Beckert

Naida Ann Rector

GENERAL SCIENCE

Anthony Thaddeus Guarducci

GEOGRAPHY

Robert George Arrowsmith,
with distinction

William Sands

Mary Rita Webster,
with distinction

HEALTH EDUCATION

Robert Daniel Gacey

Thomas George Julian

Jenifer Ann Ruckman

HISTORY

Peggy Sue Allen,
with high distinction

Judy Deane Booker

Arnold Cordova Jr.,
with distinction

Thomas Charles Everhard

Carol Marcia Frost

M. Kathryn Harbert

Loretta Margaret Marie Heck

Charles Lee Johnson

Albert D. Keith

Kenneth A. Lake

Thomas Albert Luks

Norma Kathleen McAteer,
with distinction

Jerry McCarty Jr.

Deborah Lou Nilo

Alexander Joseph Obis

Margaret Elizabeth Reece,
with distinction

Kenneth Saperstone

Linda M. Stamper

Bruce Stasium

Beaman B. Story

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Judy Kay Beckmark

Donna Rae Beeman,
with distinction

Margaret Ann Buckner
Karen Carmany Clouser,
with distinction

Arlyss Kay Shaw,
with distinction

Coral Jeannine Willford

INDUSTRIAL ARTS

Norman Lee Day

Paul Thomas Johnson

Lawrence Ames Moffat

Kenneth John Scavarda

Edward James Vander Laan

Patrick Joseph Wyser

INDUSTRIAL EDUCATION

Ransom James Anderson

Thomas H. Brandt

Steven Elmer Franta

INSTRUMENTAL MUSIC

Robert Gene Weller

MATHEMATICS

Marylin Jean Bunger,
with high distinction

Marilyn Louise Hudson

Deborah Eileen Shank

David Timothy Stamets

Kenneth Bernard Thilges

PHYSICAL EDUCATION

James Andrew Babb

Karen June Blankenship

Ann Mary Bradley

Richard William Brown

Peter Nicholas Candrea

Carol Anne Celebre

Jeana Belinda Crisp

Sterling Endsley

James Gary Foster

Susan E. Harris

Nancy McLean Heckel

Judy Ann Hoke

James Burton Johnson Jr.

Linda Jeanne Karl

Ginger Lee Kurtz

Ruben R. Lara

William Anthony Lee

Sarah Ann Lindmark

Richard L. McDonald

Stella Marie Muñoz

Tim L. Pickering

Hector G. Ramirez Jr.

Douglas Graham Ross

Leslie Pualani Webber

POLITICAL SCIENCE

Gary Randolph Buchik

Leonard Stephen Kotsur,
with distinction

James Richard Pierce,
with distinction

SPANISH

Sandra Jean Hood,
with distinction

Patricia Wilson LaVallee,
with distinction

SPEECH AND DRAMA

Pamela Jane Hillings

Jana Ruth Parker

SPEECH COMMUNICATION

Terry Lou Kolberg

THEATRE

Carol Nelson Fain,
with high distinction

Michael D. Fain,
with distinction

BACHELOR OF ARTS IN EDUCATION

SECONDARY

Degrees Conferred January 16, 1974

ART

Mary M. Balch
 Diane Huntington Binkley
 Jonnie M. Brozek,
with distinction
 Barbara Joan Bueker,
with high distinction
 Claudia Shutan Feldman
 Karen A. Graf
 LaVerne Cora Harris,
with high distinction
 Larry Burdell Horner,
with distinction
 Susan Gay Lance
 Carol Marie Larsen,
with high distinction

BIOLOGICAL SCIENCES

Cynthia Ann Bilyeu
 Rita R. Connolly
 Catherine Coyner
 Charles Russell Devereux Jr.
 James Raymond Geinosky
 John Maurice Goodwin,
with distinction
 Phillip R. Hiatt

BUSINESS

Mary Patricia Garry,
with high distinction
 Steven Michael Glass
 Mark Edwin Reed
 Theresa Marie Savarese,
with distinction
 Sherrill Jane Toscano

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John Patrick Koury,
with distinction
 Peter D. Schwiebert,
with distinction

CHEMISTRY

Patrick M. Cassidy

CHORAL MUSIC

Steven Scott Norris,
with distinction

ENGLISH

Jerome Thomas Anderson
 Macario Herrera Candia

Cathie Ann Cashel,
with distinction
 Stephen N. Causey
 Hal S. Chenault,
with distinction
 Michael McHale Chilson
 Donna Jo Christensen,
with high distinction
 Robert J. Dell'Ergo
 Mary Helen Evans
 Marcia Leslie Greene,
with distinction
 Thomas A. Ingerick
 Donna Oswald Johnsen,
with distinction
 Karen Johnson
 Cheryl C. Keating
 Loretta Turnbull Kissell,
with distinction
 Frances Mary Martini
 J. Bart Mitchell
 Linda Susan Parks,
with high distinction
 Patricia Marguerite Pivrotto,
with distinction
 Jo Anne Reicher
 Danny Ray Ryan
 Rick H. Schmidt
 Vaunda Lynne Sevey
 Roberta Frances Studwell,
with high distinction
 Leilani Wright,
with distinction
 Lona Diane Wright

FRENCH

Amy Ellen Hull,
with distinction
 James McGettigan,
with high distinction
 Alana Kay Schrenk
 Lynn Mary Troup,
with high distinction

GENERAL SCIENCE

Pamela Sue Redman,
with distinction

GEOGRAPHY

John Frank Dassinger Jr.

HEALTH EDUCATION

James H. Leon
 Kathleen Marie Ratzliff

HISTORY

Kathleen Aepli
 Carroll Gilman Anderson,
with distinction
 Nancy Topolosky Bayko,
with high distinction
 Dawn Eileen Bockius,
with high distinction
 Gregory D. Brown
 Richard Dunn
 Margie Sue Dyson
 Margaret Ann Embury
 Thomas M. Gingras
 Mary Jane Hildebrand,
with distinction
 Greg P. Hull
 Delia Jenny Jurhill
 Stephen Lloyd Kainec
 Leo Joseph Kuhn
 Charles R. Laing
 Jennifer Lee Laxton
 Gary L. Maxson
 Dwight Dresser Patch Jr.
 Norma Jeanne Sharp,
with distinction
 Vernon Guy Van Alstine,
with distinction
 Brian McGarr Weisel
 James Hobson Wood

HOME ECONOMICS

Nancy Jo Bass
 Patricia Ann Beard
 Deborah Lynn Brubaker
 Rebecca Eve Elder Cutlipp
 Pamela Ann Dehnert,
with distinction
 Linda Ann Deskins,
with distinction
 Carol Ann Gifford
 Chelisa Lu Hall
 Barbara Lea Herrick
 Mildred Kahler,
with distinction
 Kandy Gail Kaufman,
with distinction
 Darsie Mae McCloskey
 Kathryn Suzzan Nutting

Cynthia F. Pendergrass
Beverly Ruth Poznicek
Karen Elaine Schlick
Louise Anne Schroedle,
with distinction

Kathy Ann Siecker
Marlene Antionette Slater,
with distinction
Gail Nanette Sparle
Phillis J. Stortz
Mary Elizabeth Taylor,
with high distinction
Linda Lee Ward

INDUSTRIAL ARTS

David Brent Fromm

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Richard Dale Ackerman,
with distinction
Richard Andrew Davis,
with high distinction
Ralph William Pennington
David Falkiner Pottinger

INSTRUMENTAL MUSIC

Florence Louise Conrad
Marilee D. Orcutt,
with distinction
Marcia Evelyn Wechter,
with distinction

JOURNALISM

Janet Marie Zoller

MATHEMATICS

Ava Christine Clarkson,
with high distinction

Patrick Walter Hennessy
Richard Lynn Hughes,
with high distinction
Margaret Louise Kiefer,
with high distinction
Phillip Ray Mize
Winfred Cleston Powers
Linda Lea Rintala
Holly Anne Wack,
summa cum laude

PHYSICAL EDUCATION

Daniel Gilbert Baker,
with distinction
Patricia Marie Baker
John Charles Bayless
Howard Paul Bickerdyke
Peggy Ann Cleghorn
Cynthia Kay Dawson
Larry W. Delbridge
Jay Scott Gallemore
Cheryl Ann Hall
Deborah Ann Hall,
with distinction
Richard Orvin Hogen
Cathy Diane Junk
Gary Shields Klingbeil
Lerrin Harris LaGrow
Robert William Leininger
Michael R. Leuck,
with distinction
Linda Joanne Lile,
with distinction
Jeffrey W. Mason
Jeanette L. Massey,
with distinction

Betty Lou Messinger
Raymond Espinosa Ramirez
Scott D. Reid
Diane Wynn Ryan,
with distinction
Manuel G. Sanchez III
Frederic Clarence Santesteban,
with distinction
Kathleen Marie Short
Randolph David Van Patten
L. Gary Williams Jr.

POLITICAL SCIENCE

Jay Ross Hanna
Sandy Mack Clayton Lake III
Robert Lee Overstreet
John William Weissmueller

SPANISH

Ralph Alvarez Gaxiola
Teodora A. González,
with distinction
Paul Joseph Hawkins
Eddie Laborin Lee
Miguel Ramírez
Jann Marie Sarlat

SPEECH AND DRAMA

Ellen Ross Fitzpatrick,
with distinction
Judy Ann Shipley

THEATRE

Richard Stanley Drezen,
with high distinction
Dean Steven Eisen
Gretchen Roberta Maynard
Judith Diana Reutter

Candidates for the Degree of
BACHELOR OF ARTS IN EDUCATION
SECONDARY

To Be Conferred on May 17, 1974
Subject to Completion of Requirements

ART

Paul D. Bayfield
Anthony Berardi
Elizabeth Branciforte
Beverly Sue Brown
Victoria Lianne Buffalo
Jacqueline Lee Chisick
Linda S. Deck

Esmeralda Wilhelmina DeLaney
Ronald Leonard Dixon
Anne Baldwin Evans
Debra Lynn Gackle
Dawn Terry Grotewold
Sally Ann Kaddaras
Nancy Jean Kelso
Bruce Conrad Marinics
Karen Elizabeth Nielsen

Catherine Suzanne Price
Kim Douglas Rawdin
Nicole Renee Richardson
Michael Andrew Ross
Judith M. Ruhlman
Mary Lou Roseanne Santoro
Rosemarie Joan Seman
Susan Jane Stacey
Myra L. Weinger

BIOLOGICAL SCIENCES

Cynthia Kay Adams
David N. Beck
Steven Carl Burns
Wanda Ann Cleveland
William Joseph Cole
James Foster Ellis
Cheryl Ann Lanzinger
Richard Wade Montgomery
Neal Steven Skarin
James Edward Smith

BUSINESS

Jay Willard Bingham
Mary Hom

BUSINESS, OFFICE AND DISTRIBUTIVE EDUCATION

Elizabeth Ann Harrer
Faye Marie Henrichs
Susan Rose Jaime
Napoleon Olivas Pisaño
Rosemary T. Rinaldi
Alice Faye Schnell
Nina Marie Scuderi
Diana J. Sweet

CHORAL MUSIC

Janice Marie Bustos
Linda Jo Mann
Judith Pamela Tice
Sarah Ann Wilkinson

COMMUNICATION ARTS

Peggy L. Davidson
Janice Mae Lee

DANCE

Beverly Ann Ashworth
Charlene Ann Bender
Eileen Nemeth Fuller
Jo Ann Pastorini
Patricia Ann Patterson

ECONOMICS

Lois E. Chappell

ENGLISH

Vicki S. Bartlett
Gary Lee Behnke
George Arnold Benedict
Joan Marjorie Boddy
Samuel Leonard Bradshaw Jr.
Duncan B. Brown
Jeffery David Brown
Thomas Arthur Bunger
Barry John Davis
William Frederick De Coursey Jr.
Ronald R. Fetty
Sherman Chris Fishleder
Mildred West Fort
Robert F. Gessner

Sarajane Goldberg
Stacey Spease Harowitz
Su Zan Jakob
Linda M. Jeffries
Carol Louise Johnson
Ralyne Ree Kampf
Frances B. Kok
Linda Dee Lewis
Wayne Allen Littfiy
Cindy Lewis Marsalis
Harry E. Martin

Susan Iva Lee Martin
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Stephanie Allen Miles
Samuel William Milkes
Susan Harley Morris
Paulette Anne Mulvin
Barbara Ann Nadeau
Michael Everett Pitchford
Georgeann Van Note Pye
Thomas J. Redmond
Mary Christine Ross
Diana Campbell Sabol
Holli Ann Sanger
Cynthia Mary Settergren
Valerie Beth Stapleton
Thomas G. Succow
Frederick Charles Turner III
Elizabeth Ann Viles
Billie N. Wallace
Nora C. Willard

FRENCH

Karin S. Duncan
Bernard John Fuzat
Joan Leslie Lymer
Linda Diane McVicker
Theodossia E. Scarla

GENERAL SCIENCE

Stephen T. Owens

GEOGRAPHY

James Bernard Hamblen
Marion Keith McRevy
Brendan Gerald Pizarek
Timothy Scott Rockey
Joseph Boatsemah Van-Dyck

GEOLOGY

Catherine Marie Brown

GERMAN

Annette Claypool Petzel

HEALTH EDUCATION

Ronald B. Cummings
Paul Anton Gillott
Andre Joseph Lambert
John Richard Pucci
John Grayson Sain

HISTORY

Larry Clark Also
Georgia Lee Arnold
Jimmy R. Beltrán
John Lane Burton III
John F. Byrnes
Rosalyn Carol Corman
David C. Deskins
Bradly Roy Ellico
Craig James Frigaard
Kevin John Gallery
Phyllis Charline Green
Ann Marie Greenlee
Joseph Bernard Heilman
Richard Ray Higgins
Ronald Austin Jarrett
Lorraine Glenda Jenkins
Sheila Dianne Kano
Gregory John Kiley
Patricia Louise King
Charles John Kushell IV
Sumner James Lipscomb
Ernest Alfred Macias
Patricia K. Norris
Susane R. Philipp
Steven Richard Ramos
Donna Lee Saathoff
Thomas Martin Seiger
Mark Gregory Smith
Richard Alan Smith
Mary Frances Sotomayor
Jo Anne Thompson
Michael J. Upp
Don Crawford Wilkinson Jr.
Lena James Wilson
Randal H. Youngland

HOME ECONOMICS

Mary Jill Albrecht
Didgie Sada-Jane Blain
Mary Sue Bradley
Rebecca Ann Briscoe
Martha Jane Campbell
Diana Ludwig Chooljian
Cody Beth Cowan
Nelda Jeanne Crone
Rebecca M. Dykman
Barbara Jo Grittner
Helen Trimble Hughes
Cynthia Diane Irwin
Christine Kay Isbell
Elizabeth Ann Jahrmarkt
Marilyn Louise Lambeth
Evelyn V. Lawdahl
Janice Ellen Long
Mary Antoinette Martinez
Maureen Maeve Mazur
Candace Elaine Norris
Sharon Maxine Patrick
Maria Dolores Perez
Pamela S. Perry

Mary Ann Piercey
Jeanne Gwen Robertson
Cynthia Kay Rush
Mary Delores Shapiro
Debra Ann Shields
Julie Ann Snodgrass
Candace Sue Stafford
Rosine Bartoli Titus
Brenda Lee Tomczyk
Penny J. Utley
Constance Sue Vala
Wynanda Allene Wheeler
Rosalie May Wick
Mary Christine Ybarra

INDUSTRIAL ARTS

Rodney Alan Hall
Ted V. Maish
Roger Earl Musgrove
Richard Bryan Robison
Philip Solomon Shapiro
John Allan Stansell
JoAnn Marie Sullivan
Robert M. Thomas

INDUSTRIAL EDUCATION

Daniel Webster Bell
John Alexander Brusco
William S. Childers
Lyndon Dale Donaho
Robert Vincent Garofalo
Darryl Elwin Gayle
Robert Daniel Holland
Jim Gale Hoppe
David Jewell Littrell
John Esterly Stephens III
Terry Merrill Williams

INSTRUMENTAL MUSIC

John Walter Kubiak
Florence Elizabeth Stout
J. Rick Striegel

MATHEMATICS

Robert Arthur Ackley
Paul Robert Cornell
Virginia Ann Crouch
Connie Jean DeMichiei
Kathleen Marie Flynn
Diane Mary Gebert
Robert L. Meier
Kerry Lynn Mumm
Richard John Papst
Barbara Elizabeth Schmidt
Steven Louis Straley
Ronald David Tanner

MUSIC

Sheryl Lynette Donelson

PHYSICAL EDUCATION

Nina L. Adcock
Robin Ann Arco
James Eugene Arviso Jr.
Julie Anne Bales
Wanda Imogene Batson
Terry Marc Blitz
Wanda Marie Campbell
Angela Cavallas
Virginia E. Contreras
Gerry L. Corcoran
Debra Lynn Dawson
Katherine Lee Doak
Karen Elizabeth Drusys
Janice Leigh Duquette
Christine Ann Eaton
Gary Robert Ehrig
Laura Virginia Fallin
Sue Ellen Finch
Ralph James Fiorucci
Jen Rose Foldie
Sue Jeffrey Gerlach
Gary Steven Granville
Charles Lee Hampton
Harold P. Heddings Jr.
William Robert House
Patricia Ann Hyer
Debra Ann Keezing
Jean Lois Killingsworth
Diane Marie King
Babs L. La Fontaine
Dennis Edward Lazarus
Michael James Limon
William Cavanaugh Mason
Richard Glenn Massey
Margaret Elizabeth McLoughlin
Robert William Montoya
Michael Cota Morales
Roxanne Emma Motrenec
Karen Compton Mynar
Vicky Lee Neill
Jeffery Lynne Oscarson
Latsy Ann Parker
Jamie Lee Patterson
John J. Pellikan
Clayre Katherine Petray
Loraine Patricia Prinsze
Michael Paul Rasch
Mathew L. Reese Jr.
Sally Beth Reisland
Janet Ruth Roediger
Christina Marie Schabacker
Terry Lee Schaffer
Richard A. Schlekeyway
Gerhardus Antonius Schreur Jr.
Gwenn Arline Shaw
Debra Kay Short
Gerald Dee Slemmer
Royale J. Southard
Dale Stanley Spier

Robert Joseph Stark
Lawrence Ward Stephenson
Louise H. Strong
Gary Charles Thomas
Noreen Terry Ulness
Evangeline Magdaleno Valenzuela
Randy Lee Vogel
Kathleen Haunani Vogt
Linda Kay Wiles
Jerry J. Wolohan

PHYSICS

Michele Rae Gollhofer

POLITICAL SCIENCE

Richard Kirk Carlton
Kay Lee Christensen
William Harry Demaine
Kenneth Forrest de Masi
Michael Alan Duffy
Kathleen Melissa Fanning
Patrick Daniel Farrell
Donald E. Hobby
Paul D. Jorgenson
Charles Michael Pfoutz
Dee Ann Reed
Edis Sue Roodman
Barton D. Warren

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Daisy M. Gates

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Fernando Othon Hurtado
Susan Elizabeth Kanadjian
Luis Lopez Lagunas
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Sergio Rufino Mendez
Ruben L. Meneses
Elaine Newcomer
Patricia Trevizo Ploog
Katherine Louise Rankin
Pintard Victoria Riley
Rudy Paul Rivas
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Mary Elizabeth Heaney
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Dean of the College

BACHELOR OF SCIENCE

Degrees Conferred September 14, 1973

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Robert Paul Johnson
Frederic Burr Mancour
Patrick Joseph McNamara
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Steven Gerald Nelson,
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Frank Yuen Ng
Velo Virginia Oliver,
with distinction
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Ray B. Wagstaff
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with high distinction

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with distinction
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Michael George Woolfenden

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with distinction
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with distinction
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Harl R. Chamberlain Jr.
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Reid Vincent Douglas
Douglas Edwin Druley
Michael Sebastian Estrada
Christopher Scott Fain

Larry Clay Fields,

with distinction

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William M. Yanez

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Alex R. Ross

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Robert Harry Sparks

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Walter Henry Kunzli
Dale Marvin Miller,
with distinction
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Shari L. Rice
Kenneth D. Sanchez
Anne Marie Shaver
Alan Joe Valentine
Leland Major Viliborghi
John H. Wright

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Gwyneth Wilma Keech,
with distinction

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Fred Ellis Jensen
John Hannum Lea,
with distinction
John E. Nydegger

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Donald Arthur Beaudoin
Mirko Blesich
Cecil Jerry Dorsett,
with distinction
Michael T. Killion
Paul Kent Koehler
Gregory Jack Kraft
Pamela Rae LaCoy
Kenneth John LeBouton
Allen P. LoGalbo
Peter Michael Manning
Walter J. Merrill
William Jerald Tugaw

STATISTICS AND DATA PROCESSING

Rodney Earl Burdick

BACHELOR OF SCIENCE

Degrees Conferred January 16, 1974

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Laurene Jenay Brode,
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Luther William Crowe Jr.
Paul Leslie Darnell
David Dwight Delinger
LaVerne William Disney Jr.
Richard Dane Drollinger
Michael Lynn Dublin
Cecil Jay Dunagan
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Charles Gary Eaklor
Richard Lee Echols
Robert Joseph Erickson
William Randolph Fitzpatrick Jr.
June Fong,
with distinction
Arturo Fraga

Peter A. Gallo
Gary Gordon Garber
Richard Brian Glazebrook
Gary Raymond Hetsler
James Billie Hunton
Robert Patrick Jacobs
Michael J. Klecka
Roger Joseph Lapointe Jr.
John Kent LeSueur
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Bettye D. Mobley,
with distinction
Paul Santo Niccoli
Joy Partridge
Craig B. Perl
James Andrew Petrie IV
Daniel J. Predovic
Julie Anne Ray,
with distinction
Charles Austin Reidhead,
with high distinction
James Lawrence Reuscher
Paul Andrew Rode
Anthony Michael Rogozinski,
with distinction

Sherman Michael Rorvig
Stephen Robert Salata Jr.
Herman Sanchez
Jack William Seaver
Lyle Raymond Sietsema
Robert Michael Soto
James Leo Stengel
Stanley Szczygiel,
with distinction
Patricia Sue Terhune
Elizabeth Ann Toole,
with distinction
Patrick Terry Tsutsumida,
with high distinction
Franklin Lee Vandenberg,
with distinction
Thomas Edward Vanek,
with distinction
Roger G. Vickers
Ottis William Wagner
Bert B. Welch,
with distinction
Eugene Clint White
Gary D. Witherspoon

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David Louis Perrone
Richard Kent Wickness

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Timothy J. Murray
Gary Michael Yaquinto,
with high distinction

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with high distinction
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John Thomas Byrd Jr.
Richard Edward Chambliss
James Allen Elgas,
with distinction
George Randolph Ferguson
Gary Lee Gray
Richard Deane Hodgson
James Irvin Miller
David Eaton Soranson
Roger Charles Swanson,
cum laude
David Louis Towers

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with distinction
Joyce A. Barbieri,
with distinction
Edward Allan Blechschmidt,
with distinction
Elza Buttrum
Larry Robert Byrne,
with distinction
Roseanne Carter,
with high distinction
Albert Louis Cassady
Bruce H. Combe
Raymond H. Cronk
Shirley Curs,
with distinction
Ronald K. Daniels
D. Jeanne Davis
Robert A. Dorman
Laura J. Dowling
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Charles Edmond Dugger
Stephen Zachary Feingold
Charles T. Fong
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Tony T. L. Gaw
Craig Italo Ghelfi
J. Warner Griswold
Welko William Gurovich
Jerry Allen Hedrick,
with distinction
Cathy Fong Hom,
with distinction

J. Rex Huling
Patrick A. Iler,
with distinction
Randall W. Jackson
David R. James,
with distinction
Dean Wayne Jepsen
Derick Brinckerhoff Kipp Jr.
K. Richard Kloeppe
William Bruce Knoll,
with distinction
Richard B. Lawson III
Brian Phillip Lee
William Bood Lindgren
John F. Marshall
John Warren Moore VII
Deborah Anne Murray
Donald Edward Pewitt
William David Phillips
Edward Steven Pinckert,
with distinction
Jerald G. Potts
Lionel Arvid Predmore
Ronald Richard Quenzler
Barbara Jean Rauber,
with high distinction
Mark Douglas Righettini
John Nelson Savage
Thomas Peter Schilder
Thomas L. Severance,
summa cum laude
John William Sharp
Bernard Clarence Skogen
Charles Alexander Smith
Dennis Alexander Sokol
Richard Lee Souder
Pete Span
Charles A. Stauffer
David McCormick Swanson
Randolph R. Taylor
Louis Henry Thiele
Alan Lack Tom
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Bruce Owen Utterback
John Joseph Valentini Jr.,
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Steven Remington White
Carter H. Zenlea

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with distinction
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Rodney L. Bryce,
with distinction
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Frank Henry Cook,
with distinction
Frank J. Danielson
William E. Day
Jay Koontz Delich
Thomas Ray Freeman,
with distinction
John Gherardi
Arnoldo Guerra
Will Hegarty,
with distinction
Arthur Dale Holden,
with distinction
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Lamar W. Knott
Paul W. Laub
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Thomas Patrick McCabe
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Robert S. Miller
Richard A. Myers
Marlene Ann O'Grattis
Oliver William Orr III
Thomas James Pulchinski
Earl Fenimore Reynolds
James Dennis Russell
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Gary Wayne Ullom
Catherine W. Vaughn,
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Donald Willard Croonenberghs
Frank Joseph Fall
Jerry A. Fimbres
Robert Joseph Gibson,
with distinction
Andrew Ray Gorham
Alan F. Halperin
Stephen Gordon Jones
Irwin Stuart Malamud
Barry D. Norton
John Benjamin Nowak
Charles W. Paugh,
with distinction
Richard Stephen Robertson

Penelope J. Rushing,
with distinction
 John Gregory Sholes
 Charles Edwin Taylor
 Candrice Ann Thale
 Mary E. Tibbits
 Floyd Len Townsend

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with high distinction
 Catherine Marie Lutz

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 William Michael King,
with distinction
 Richard Allen Rankin
 Murrill R. Wisser

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 William Henry Delevati
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 Michael James Fagan
 Peter B. Gustafson,
with distinction
 Thomas C. Laws
 Michael H. Rose
 Frederick Penn Weaver III
 Alan Joel Young

TRANSPORTATION

Stephen George Schnee
 Virgil L. Suhling

Candidates for the Degree of
BACHELOR OF SCIENCE
To Be Conferred on May 17, 1974
Subject to Completion of Requirements

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 Robert A. Andes
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 John Russell Barone
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 Philip Thornburg Boucher
 David W. Bowman
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 Virgil Gene Bradford
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 Robert William Bryngelson
 Clarence Lee Buker
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 David George Clevenger
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John Duda
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 Howard LeRoy Matthews Jr.
 Marvin Lawrence Mausolf
 Robert Thomas McCoart
 Donald C. McKinstry
 Robert Sterzing Mc Neill
 Paul Richard Mehlhorn
 William L. Melzer

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 G. Kent Mortensen
 Michael Andrew Mulhall
*Honors Thesis: The Nature
 and Development of Public
 Accounting in Arizona from
 1919 to 1955*
 Bryan W. Neville
 William R. O'Malley
 Katherine Muriel Patterson
 Marvin A. Percha
 Betty Jo Piott
 James Denford Pitts
 Ronald James Porter
 David Comstock Prescott
 Matt Carter Radosevich
 Miguel Luna Reynoso
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James H. Collard
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Tino Joseph De Soto Jr.
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Kirk Lee Durante
Howard Clark Eaves
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Michael T. Feeley
Lawrence Strickler Folkerth
David Lee France
Richard Sheldon Frith
Bernard John Funk
Richard Allen Ganzert
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Charles Gerald Gibbons III
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Walter Thomas Glemba
Robert Mather Godwin
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Lewis Harvey Rosenfelder
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Robert Arnold Seligman
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Mark Fredric Shushack
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Richard Harold Jones
Joseph George Kossick III
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Michael W. Zody

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Jordan Tratell Fischman
Patricia Anne Hall
Dale Harrison Hardy
John Philip Hinton
Dennis Michael Hromish
Jon Steven Huffman
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Charles David Jones
Georgia Ann Kenyon
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Scott Richardson Wallace
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Paul Dudley Windes
William D. Wofford Jr.
Paul Yee
Elinor Rita Yerkes

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Marie Corrine Irvan
Teia Lindemuth
Susan Atwill McMakin
Raymond T. Powers
Gloria Gene Rhymes
Nan P. Washburn

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Richard Charles Bradley
DuMont Raymond Buckendorf
Richard F. Caywood
Richard Chassey Jr.
Cindy Jeanne Close
Stuart Roy Driggs
Douglas Oliver Guffey
*Honors Thesis: A Survey
Among Phoenix Area
Manufacturing Firms of
Personnel Record Keeping
Practices That Relate to
Employee Rights of Privacy*

Stuart Bruce Hazelkorn
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Jayne Elizabeth Jernberg
Irve R. Johnson
Jean Tai Lee
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Warren Richard Soberg
Kelly Evans Young

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Robert Harlan Brooke

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Rodney Alan Dunseath
Michael H. Friedman
Amedee M. Gregoire
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Beverly Joyce Terry
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Mark David Tomich

Donald Zane Traister
Dan Edward Wilson

STATISTICS AND DATA
PROCESSING

Richard Curtis Lee

TRANSPORTATION

John Kelley Hughes Jr.
Richard Wayne Little
J. Scott Stackhouse
Charles William Vogt

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The Recipients and Candidates Will Be Presented By

LEE P. THOMPSON, PH.D.

Dean of the College

School of Engineering

BACHELOR OF SCIENCE IN ENGINEERING

Degrees Conferred September 14, 1973

CHEMICAL ENGINEERING

Gregg William Rebenstorf
Edward Roy Strickland
Wanda Yee,
summa cum laude

CIVIL ENGINEERING

Andrew Ortiz Almaraz
Lucien Theodore Knotter III
Stewart M. Oakley

ELECTRICAL ENGINEERING

Jack Lynn Adams
William Roscoe Buckellew,
with distinction
Donald Glenn Crawford

John Jeffrey Illgner,
magna cum laude
James Edward Jaskie,
magna cum laude
William Walter Jean
Thomas Douglas Jehring,
with distinction

Richard Xavier King,
cum laude
Thomas M. Lalumia Jr.
James A. Nielsen,
with high distinction

Steven Alan Rose
Paul Howard Scott
Gerald Byron Shelly,
magna cum laude
Harry James Swanson
Melvin Howard Werbow,
with distinction

ENGINEERING SCIENCES

Jerome Allan Friedlander
Patrick Michael Ryan
Carol Sue Tinnell,
magna cum laude

INDUSTRIAL ENGINEERING

James Joseph Kennedy

MECHANICAL ENGINEERING

Mervin Leon Gangstead,
with distinction
Groce McCleve Merrill
Robert Leo Stan,
with distinction
Wilson Davis Yates III,
with distinction

BACHELOR OF SCIENCE IN ENGINEERING

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Edward Charles Ornelas

CIVIL ENGINEERING

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with distinction
Patrick Mason Collum
John Frederick Ellis
Lucille Ann Enriquez,
summa cum laude
Thomas Owen Fredrickson
Bruce John Friedhoff
Albert Lynn Graves
Roger Lee Hatton
Wallace R. Haws
Sompot Kaosaipunt
Thomas L. Martin
John Byron Ritter

ELECTRICAL ENGINEERING

Thomas Dale Ashworth
Glen Edward Belew
Jack S. Bissell
John F. Bolles
Hsien-Ming Chang,
with distinction
Johnathan E. Daemmer
Jon C. Dorrough
James Cecil Faggart
Steven Rodney Henderson,
with distinction
Albert C. Huson
William S. Jaffe,
summa cum laude
Gregory John Jarczyk
Arthur Stephen Kossak
David Michael Kuma

Fred Doeleeong Lee,
summa cum laude
Ronald H. Lyells
Edmund Louis Mangan III
Fred William Mathis,
with distinction
Michael D. McCrite
Gary Allen Mohr
Bruce Alexander Mundy,
with distinction
David John O'Dell
Sukhum Panjawatanakul,
with distinction
Dennis Merrill Porter
Gerald Oliver Rintala
Malcolm Jeffrey Rush
William Sam Sanders
Thomas Rexford Seaton

David Peter Slick,
with distinction

John Edward Smith
Ronald Lloyd Taylor
Brian Edward Wallace,
with distinction

Joseph Anthony Webster
Michael Terrill Wright,
magna cum laude
Joseph James Zelasco Jr.

ENGINEERING SCIENCE

Sabah Saleh Al-Fedaghi,
with distinction

Eleni Aristedou Axiotopoulou,
with distinction

James Michael Badowski
Kenneth E. Kahle Jr.
Randy Vincent Minkler
Hubert L. Redmon,
with distinction

Martin Henry Rosness,
with distinction
Robert Clyde Turner,
with distinction
Michael Warren West

MECHANICAL ENGINEERING

Manuel Aguilar Jr.
Stanley David Bell
Michael Albert Dassele
Michael Stephen Englund
Robert James Ghan
Richard J. Green
James Henry Jackson Jr.
William Vaughn King
Gary Mikulich
David Carter Porter
Linda Gail Wood,
summa cum laude

Candidates for the Degree of
BACHELOR OF SCIENCE IN ENGINEERING
To Be Conferred on May 17, 1974
Subject to Completion of Requirements

CHEMICAL ENGINEERING

Michael Lee Bain
John Thomas Cooper Jr.
Russell G. Cuave
Alan Lee Curtis
R. Franklin Edens
Gary Wayne Higgins
Russell Bryant Leftwich
David William Leschber
Gary Wayne Lewis
James Myron Lommen
David James McCarthy
Dean Merrill Petty
Randall Scot Prust
Arthur Satoshi Seki
Larry Wayne Triphahn

CIVIL ENGINEERING

William Peter Alfier
Abram Henry Arollo
Abdulrahman Abdullah Ashgeri
Michael James Britten
Eduardo S. Enriquez
Richard A. Genteman
Deidre Ann Kellogg
Larry Lewis Langer
Dean A. Lyon
Keith John McClanahan
Robert Spencer Mitchell
Moses David Moya Jr.
Thomas Randol Orr
Mark John Pendleton
Joseph S. Robbins
Thomas Gregory Sands
Jon Clark Schwindt

Christopher Oscar Shields
James Edward Byron Stewart
Gregory Keith Van Sande
Dennis Dean Wolfe
Roger Man Foo Yee

ELECTRICAL ENGINEERING

Saad Mohammed Al-Tassan
Clifford Leighton Bailey
Paul Alfred Beckman
George K. Blouin
George Loring Booth
David Alan Burns
Charles Tom Chartier
Dan H. Cornett
Larry Daniel
Robert Bruce Davies
William Joseph Fallon Jr.
Susen Louise Finch
Charles Jerry Gembarowski
William V. Gollhofer
Dennis Wayne Gray
Charles Denver Hester
John Edson Kaufmann
Wayne Raymond Kurth
Donald Peter McCabe
James A. Morris
Steve Atwood Morrison
Richard Scott Newens
Robert William Owen Jr.
Ted Eugene Parker
Richard Glenn Patrick
William B. Perkey
William Henry Pihl
Mark Lewis Reiber

Robert David Robertson
Edward Alex Scott
David M. Sears
Gaylord Ralph Simon
Rickey Lee Slagle
Reginald Gary Smith
Harold Bryan Van Buskirk
Gaylord K. Walden
Michael Eugene Waltz
Tommie Louis Williams Jr.

ENGINEERING MECHANICS AND MATERIALS

Peter Michael Konnofz
Randall Craig Pirtle

ENGINEERING SCIENCE

David E. Armstrong
Steven C. Black
Val George Dietrich
John Lars Durand
Denzil Gene Elmore
Richard W. Hawkey
John Patrick Hudnall
Carl Peyton Jacobson
Patricia M. Knight
Charles Steven Potuzak
James Strom
Richard D. Vitale

MECHANICAL ENGINEERING

Jerold L. Anderson
Philip Elliott Bologna

David Milton Covey
Thomas Alan Fledderjohn
Patrick Lee Hale
F. Scott Hall
Fred M. Hamer II
William J. Howe

Russell Lowell Hull
Rand Harmon Kane
John C. Lieb
Brent Dirk Powell
Thomas Kent Rogers
Richard Warren Schumm

David Earle Semones
Douglas Loran Smith
Kit Michael Stetina
Halley Stevens
Paul Eugene Sullivan
Douglas Boyd Taylor

Division of Agriculture

BACHELOR OF SCIENCE

Degrees Conferred September 14, 1973

AG-INDUSTRY

Harold Eugene Frey
Jerry Wayne Kerr

AGRICULTURAL AND
RESOURCE ECONOMICS

Jerry L. Sanders

AGRICULTURAL ECONOMICS

Talmage Dennis Barney
William Grant Solomon

AGRICULTURAL PRODUCTION
AND MANAGEMENT

Robin L. Grumbles

BIO-AGRICULTURAL SCIENCES

Robert Edward Pollard

ENVIRONMENTAL RESOURCES
IN AGRICULTURE

George Charles Bowers
John Robert Ganz

BACHELOR OF SCIENCE

Degrees Conferred January 16, 1974

AG-INDUSTRY

Steven Charles Byrd
Enrique Cubillas Jr.
Pierre L. Vandendriessche

AGRICULTURAL PRODUCTION
AND MANAGEMENT

Timothy Wallace Gordon

Timothy Scott Schneider,
with distinction
Richard Michael Taubman

BIO-AGRICULTURAL SCIENCES

Bridgette M. Banicki
Wanda Kay Bedgood

Ronald Gene Howard

ENGINEERING OF
AGRICULTURAL SYSTEMS

John Edward Drew

PLANT SCIENCE

Bernard Scott Jackson

Candidates for the Degree of

BACHELOR OF SCIENCE

To Be Conferred on May 17, 1974

Subject to Completion of Requirements

AG-INDUSTRY

Richard James Adams
Stephen Wayne Grandy
Charles H. Lorenz
Randy Lee Sanders
Robert Eldon Towner
Jack Thompson Walker Jr.

AGRICULTURAL BUSINESS

Arthur O. Allen

AGRICULTURAL PRODUCTION
AND MANAGEMENT

Robert Stephen Carmichael
Robert Guy Ryan

ANIMAL SCIENCE

Damian Arthur Fairbanks
Jerome M. Grence
Michael Gordon McDole
Breton Drake Rice
Michael J. Roll

BIO-AGRICULTURAL SCIENCES

Michael Al Domanico
Darrel Lee Kuiper
Larry Wayne Lunt
Ronald A. Wallace

ENGINEERING OF
AGRICULTURAL SYSTEMS

Don William Drew

ENVIRONMENTAL RESOURCES
IN AGRICULTURE
Edwin Lester Bunger

Harry Joseph Dorman
Jeanne Marie Provost
Mark Jay Woodward

PLANT SCIENCE
Ralph Joseph Bianco
Steven Ray Eickhoff

Division of Construction

BACHELOR OF SCIENCE
Degrees Conferred September 14, 1973

Robert M. Fedrick
John Burton Haney

Terry Earl Sanborn
David S. Smik

Thomas Charles Sornsin Jr.
Merle Rockney Weaver

BACHELOR OF SCIENCE
Degrees Conferred January 16, 1974

John Lee Anderson
Jefferson L. Begay
David Lonnie Bellmont
James Edward Harris Jr.
Joseph Hernandez

John Steven Hobbs
Harold Alan Jenkins
Kurt Willumsen Kellar
Herbert H. B. Kwan

Bernd Rainer Langer
Randall Donald Miller
James Daniel Quigley
Jon Clem Wald
Carl James White

Candidates for the Degree of
BACHELOR OF SCIENCE
To Be Conferred on May 17, 1974
Subject to Completion of Requirements

Karl A. Albrecht
Steven Curt Andersen
Dennis F. Ballog
Roderick Keith Brown
Ronald L. Burke
Frank Doswell Downey III

Robert Francias Ford
Joseph Anthony Francini
Howard Jeffry Friedman
James Francis Furcini
Paul Alvin Hamlet

Walter Kenneth Johnson
Robert Peter Lawson
Grant Preston Lungren
Robert Stanley Marks
Yukio Tamata
Dennis Gene Weese

Division of Technology

BACHELOR OF SCIENCE
Degrees Conferred September 14, 1973

AERONAUTICAL TECHNOLOGY
Charles Raymond Evarts,
magna cum laude
Norman Wayne Goodyear
Robert Keith Juhl

Michael Alan Klein
Wayne Lindquist,
with distinction
Russell Woodruff Miller
Dennis Edward Neushutz

Christopher Eric Slavin

DESIGN TECHNOLOGY
William Edward Sainz

ELECTRONIC TECHNOLOGY

Ernest William Borgoyne
John Lynn Crabtree
Ronald Jerold Flotterud
William Ralph Foust
Tandy Carthel Hamilton
John Elwood Holmes
Robert Francis O'Donnell
William Marvin Toon

INDUSTRIAL DESIGN

William L. Salviano

INDUSTRIAL TECHNICAL EDUCATION

George Edward Breedlove
Mark William Brophy
Terry Lee Brown,
cum laude

MANUFACTURING

ENGINEERING TECHNOLOGY

Donald Sprague Down

MECHANICAL ENGINEERING TECHNOLOGY

Nassar Mohammed Al-Khidr

BACHELOR OF SCIENCE

Degrees Conferred January 16, 1974

AERONAUTICAL TECHNOLOGY

George Neal Ambrosia
Roger H. Bailey
Christopher W. Carter
Robert L. Coats
Kenneth George Feltrop
Dale R. Hersh
Stephen R. Kenney
David P. Krebs
Lawrence Howard Larson
Robert Francis Lefevre
Paul Allen Mahacek
Gary Nez,
with distinction
Thomas Andrew Nielsen,
with distinction
Michael Christopher Perrillo
David Byron Shindeldecker
Seth Willard Smith Jr.

INDUSTRIAL DESIGN

Carl Herman Steimer
Lonnie S. Underhill,
with distinction

ELECTRONIC TECHNOLOGY

Carter Elliott Bennett
Rex A. Brown
Frederic G. Gecan Jr.,
with distinction
Robert Herskowitz
Joseph Sterling Jordan,
with distinction
Richard Carl Mackey
Clifford Lee Peterson
Wayne A. Whitmore,
magna cum laude

GRAPHIC ARTS TECHNOLOGY

Dennis Dane Gallagher

INDUSTRIAL DESIGN

James Nicholas Contes
Joseph George Faith
James Gazdzik
Stephen William Schnee

INDUSTRIAL TECHNICAL EDUCATION

Harry Gregory Driscoll,
with distinction
Ian William Ewing

MANUFACTURING ENGINEERING TECHNOLOGY

Steven B. Dyson

MECHANICAL ENGINEERING TECHNOLOGY

Joe Shaughnessy

Candidates for the Degree of

BACHELOR OF SCIENCE

To Be Conferred on May 17, 1974

Subject to Completion of Requirements

AERONAUTICAL TECHNOLOGY

John Anthony Arenare
Andrew Paul Brakora
David Warren Brant
Alan Lee Coates
John W. Collins
Donovan Decker Jr.
Robert Lee Diehl Jr.
Lee Scott Dunlap
David Robert Espinosa
Donald Eugene Grace
William Allan Gural

INDUSTRIAL DESIGN

Thomas Patrick Hanrahan
Marquis K. Hodo
Randall Paul Kempf
James David Koreltz
Cliff Langness
Robert Hugh Lehmann
Curtis Larry Lewis
David Earle Lyon
Steven Michael Malenczak
Richard Patrick Manning Jr.
Dana Richard Mason
Cullen Keith McConahay

MANUFACTURING

Barry H. Moran
Newell Howard Nordbye
Milton Allan Page
M. Greg Penrose
Donald Riker
Kenneth Scott Robbins
David Glenn Selvidge
R. Dann Sherman
Gary Lee Stein
John R. A. Tarantino
Frank Edward Whitney
Dennis Keith Wilcox
Terry Leigh Wood

DESIGN TECHNOLOGY

Thomas Grant Logsdon
James Ted Thompson
Clark Murray Tunison

ELECTRONIC ENGINEERING
TECHNOLOGY

Ghassan Lutfi Asadi
Lewis A. Moyer
James H. Pribbeno
Gregory W. Stutzman

ELECTRONIC TECHNOLOGY

Nayil Mashhour Al-Harithy
William Rex Amos
Phillip Henry Barker
Anthony Howard Bills
Philip Lowry Cenicola
John Harry Cloud
W. Danny Don
William A. Ely
Robert C. Franek
John Elmer Gatti
Allen Roger Groh
Lawrence W. Kavanaugh
Herman J. Klingenberg Jr.

David Michael Lake
Russell C. Newman
Harvey Eugene Russell
Peter Kurt Schutte
Dennis R. Vernacchia

GRAPHIC ARTS TECHNOLOGY

Chad Ray Howrey
James Gordon McMahon

GRAPHIC COMMUNICATIONS

Douglas Airey
Allen Joe Brown
Jerry W. Cunningham
Douglas Arnold Horstmann
Richard E. Stovall

INDUSTRIAL DESIGN

Mary Catherine Joan Berti
Leslie R. Eaton
John Anderson King
Craig Michael Meier
Howard Melton Sage
James Randall Spence
Thomas James Verna
Greg Gordon Walliman
Charles E. Wright

INDUSTRIAL TECHNICAL
EDUCATION

Arthur Woodard Ackerman
John Philip Calderone
Gregory Thomas Cotton
Stuart A. Dixon
Charles Henry Kime
Charles Roy Thrush

INDUSTRIAL TRAINING AND
SUPERVISION

Eric Lance Michaelson

MANUFACTURING
ENGINEERING TECHNOLOGY

Ahmed A. Abu Isa
Edward Saucedo Rodriguez
Lyle F. Zeigler

MECHANICAL ENGINEERING
TECHNOLOGY

Raymond M. Kennedy

TOOL AND MANUFACTURING
TECHNOLOGY

Alex James Boettcher

COLLEGE OF ARCHITECTURE
The Recipients and Candidates Will Be Presented By

JAMES W. ELMORE, M.S. IN ARCH.
Dean of the College

BACHELOR OF ARCHITECTURE
Degrees Conferred September 14, 1973

William Ronald Wade,
with distinction
David Arthur Winstanley

BACHELOR OF ARCHITECTURE
Degrees Conferred January 16, 1974

Minford Doran
Richard Alan Knapp

Richard Sunter Six,
with distinction

Abdulhusain Abbasbhai Slatewala,
with distinction
Robert Bailey Winton

Candidates for the Degree of
BACHELOR OF ARCHITECTURE
To Be Conferred on May 17, 1974
Subject to Completion of Requirements

Robert Bryce Anglin
Ross Hillel Bern
Terry Lee Briggs
Duane Paul Brown
James Robert Elson
Steven Robert Fischer
Randy G. Foltz
James M. Goodman
Tom L. Heideman
Brenda Jane Hovander
R. Lee Hutchison
Daniel Martin Jensvold
David Lee Jones
Bruce William Kimball
Michael Lee Kuzmik

Steven C. Ladislaus
Joel Eugene Lakin
Kenneth E. Mace
Oscar William McGraw III
Robert Alan McQuead
Louis Bert O'Bryan
Michael Dean Parsons
Michael Scot Rachlin
Guilford Allen Rand
Michael Stephen Rinck
Manuel Andrew Rodrigues
Vernon Harris Roether Jr.
Richard Earl Saxton
Paul Leonard Scharf
Richard Henry Schick

Reed Winfree Settle Jr.
Dennis E. Shafer
John T. Simon
Edward Maurice Sohl Jr.
Richard Craig Solberg
Anthony Carmen Stellitano Jr.
Michael E. Stevens
Guy Richard Stiles
Jeffrey A. Thomas
Anthony Benny Trinca
John Roy Verdugo
Thomas Kent Wagner
Craig Russell Weber
Thomas Joseph Wetzell
James William Woodward Jr.

COLLEGE OF NURSING
The Recipients and Candidates Will Be Presented By

JUANITA F. MURPHY, Ph.D.
Dean of the College

BACHELOR OF SCIENCE IN NURSING
Degrees Conferred September 14, 1973

Donna L. Fones
Jerome Francis Korte

Ruth Dorothy Titcomb

Ernest Donald Walker,
with distinction

BACHELOR OF SCIENCE IN NURSING
Degrees Conferred January 16, 1974

Susan Catherine Allen
Traci Loree Anderson
Kathleen Diane Butler,
with distinction
Martha Neighbors Cox
Melinda Sue Drown
Annette Elder,
with distinction
Rae Angela Evans,
with distinction
Margaret Susan Hall
Charee H. Harbertson
Michaelyn Hawkins
Mary A. Hays,
with distinction
Rachel V. Hernandez
Betty L. Josephson,
with high distinction

Marie Ann Kalcich,
with distinction
Marilyn Lee Karr,
with high distinction
Ellen Michele Kerwin,
cum laude
Kay L. Kirsopp,
with distinction
Rosetta Kisslinger
Hildegard Annemarie Manolovich,
with distinction
Susan Julia Marquard
Laura Halenbeck McGraw,
with distinction
Linda May McIntosh
Janice Louise Miller
Joy Louise Moynihan,
with distinction

Grace Patricia Olson,
with distinction
Mary Ann Oren
Barbara Ann Pinkley,
with high distinction
Mary Ann B. Rojas
Sally Jo Schulman
Sharlene S. Sharrit,
with distinction
Darlene Ella Simek
Denita Simonsen
Suzanne Paula Stanek,
with distinction
Marie Thomas Stewart
Marsha Susanne Tanner,
with distinction
Janice Elaine Walker
James Harland Williams
Kathleen Yochum

Candidates for the Degree of
BACHELOR OF SCIENCE IN NURSING
To Be Conferred May 17, 1974
Subject to Completion of Requirements

Ann Terese Baker
Judy Jo Bartlett
Elaine Morton Bohlmeier
Terry JoAnne Bond
Lillie Ann Bradley

Peggy Lee Bradshaw
Hope Marie Busto
Jacqueline Sue Butler
Rebecca S. Cain
Alice DeFriesse Chadderdon

Gary Arland Collins
Lillian Frances Coon
Raenalle DeGidio
Pamela Kay DeWitt
Sheryl L. Dokos

Patricia Marie Dollar
 Mary M. Donna
 Barbara Ann Duci
 Roxanna Lucy Erickson
 Elizabeth Ann Gallagher
 Barbara L. Givens
 Barbara P. Goodale
 Phyllis Marie Grabau
 Diane Elizabeth Grant
 Rebecca Lee Gray
 Cecilia Gutierrez
 Kathleen Carol Haggerty
 Lucile Harris
 Kathleen Susan Hart
 Valerie J. Hawker
 Janice Ruth Hoefle
 Martha Lu Huber
 Janece Kay Huelster
 Kathleen Anne Johnson
 Linda Sue Kangas
 Janet R. Kealy
 Marcia Ann Keilen
 Kathleen Adair Kelley
 Jacki Celie Kemp
 Deborah Elayne Kennard
 Elizabeth Joy Kinsworthy
 Barbara E. Klein
 Victoria Raven Knox

Dara L. LaBelle
 Alice Lai
 Patricia Ann Leighton
 Gloria Linda Maes
 Phyllis Lee Martin
 Holly T. Mason
 Susan McBroom
 Jane Lynn McDowell
 Dorothy Jean Meyer
 Daisy Miller
 Mildred F. Mondahl
 Loisann W. Moorman
 Sonia N. Munchak
 Andrea Marie Myklethun
 Sandra Lee Oliver
 Olivia Ortiz
 Jessamine Jean Oster
 Vicki Lynn Owens
 Dianne Perry
 Edwina Ann Petras
 Loyce Jean Phoenix
 Eva G. Picone
 Christine Marie Piper
 Maria Stefania Pochuch
 Joan Rita Prenovost
 Janet Sue Price
 Mary Linda Riggle
 Juan Sandoval
 Christina Marie Saunders

Louise Ellen Saxe
 Judy Joan Schmitt
 Susan Mary Schultz
 Sue Ann Seemann
 Ilene Michele Silver
 Diana Singh
 James Arnold Slater
 Lois Ann Smiley
 Joyce Cozette Smith
 Leslie Ann Smith
 Sherri L. Spicer
 Cynthia June Stallard
 Ralph Headley Sturdevant
 Mary Lynn Swart
 Nancy Townsend
 Darrel Laura Vaughn
 Donna M. Velasquez
 Gail Christine Vesper
 Nancy Therese Walker
 Mary J. Wilcox
 Nancy Noneman Wingeier
 Deborah L. Winschel
 Shirley L. Wittenstein
 Jane Leigh Wixted
 Joyce Ann Wotherspoon
 Pamela Charleen Wright
 Esther Yialelis
 Pat Yrigoyen

COLLEGE OF FINE ARTS
The Recipients and Candidates Will Be Presented By

HENRY A. BRUINSMA, Ph.D.
Dean of the College

BACHELOR OF ARTS
Degrees Conferred September 14, 1973

ART

Mary Elizabeth Bowerman,
with distinction
Kristine Reiserer Sneed

HUMANITIES

Daniel T. Cornell,
with high distinction
Elaine Carter Massey

THEATRE

Shelley Jane Bradshaw
Linda Elizabeth Hagen,
with distinction
Donald Morris Joseph Jr.
John C. Kaput
Heather Coleen Mathieson,
with distinction
Frederic Winslow Oram
John Erik Reque

ART HISTORY

Fernando Martin Garcia,
with distinction

MUSIC

Bela Babocsay
Jane Rae Henderson

SPEECH

Timothy Charles Holtsen

BACHELOR OF ARTS
Degrees Conferred January 16, 1974

ART

Laurie Cunningham,
with distinction
Lynn Marguerite Jones
Dreux Lewandowski
Moira Ann Roark,
with distinction

ART HISTORY

Henry Czuprinski

HUMANITIES

Sharon Veronica Kraus,
with distinction

MUSIC

Donald Noel Daien
Patricia Kellogg Furniss,
with distinction

SPEECH

Dale Robert Lind

THEATRE

John Bennet Dibak
Michael Edward Lopez

Candidates for the Degree of
BACHELOR OF ARTS
To Be Conferred on May 17, 1974
Subject to Completion of Requirements

ART

Linda Christine Chilton
Teresa C. Eidenbock
Cecilia D. Henegar
Marilyn Ann Raigel
Nancy Joan Skov

ART HISTORY

Mary Theresa Gibbons

HUMANITIES

Kathleen L. Golter
Marla Katz
Gregory Gene Knight
Karin Terrell Lucius
Margrit Petra Martin
Deborah Schlesinger
Susan Marie Thrasher
Sandra Michele Whittle

HUMANITIES

A. Robert Bethancourt Jr.
Lewis Richard Burch
Roslyn Louise Clark
John Paul McGarey
Carol Baylor Nichols
Gail L. Nosky
Linda Ann Peyton

Peggy Jane Schultz
Terry Douglas Webb
Deborah Anne Whitehurst

MUSIC

Barbara Ann Bluhm
Jerry Lynn Campbell
Ellen L. Heimann
Patricia Ann Heiple

Morrine LaVon Hylton
Betsy Gene Manheimer
Charles Gregory Marlowe
Susan Kay Westberg

SPEECH

F. A. Bridges
Patricia Ann Lynch

THEATRE

Abdulahman Abdulaziz Al-Musallam
Melvin Robinson Barry
Janet Marie Dyrek
Marc Harold Eisen
Joyce Mae Knight
Syndria Syl Mecham
Alan Platt Sands

BACHELOR OF SCIENCE

Degrees Conferred September 14, 1973

ART

Jack Gilbert Cox Jr.

John Lester Otterbein
Eugene M. Pomiak

COMMUNICATION DISORDERS

Cheryl Lynn Dewey

BACHELOR OF SCIENCE

Degrees Conferred January 16, 1974

ART

Donald Kropp
Douglas Alan LeGrady

Katherine J. Carpenter,
with high distinction
Cynthia A. Hall,
with distinction

Julius Garrett Ralls Jr.,
magna cum laude
William Homer Whitney Jr.

COMMUNICATION DISORDERS

Theodora Lucille Bengtson,
with distinction

SPEECH COMMUNICATION
Susan Louise Harvey

SPEECH PATHOLOGY AND
AUDIOLOGY
Gerri Lynn Woolbert

Candidates for the Degree of

BACHELOR OF SCIENCE

To Be Conferred on May 17, 1974

Subject to completion of Requirements

ART

Patricia Nicole Barnes
Anita Jean Cernigliaro
Rodney Lynn Mayfield
Teresa Lou Nelson
Sandra Jan Parish
Gay Marie Rimsza
William L. Stomski

Wendy Marie Call
Jonathan David Cox
Barbara Ann Crowel
Jacki Lynn Goering
Katherine Ann Kennedy
Kathryn Rae Hapip
Christine Blanc Kibbe
Mark I. Lader
Laurene Elizabeth Lukas
Reeve William Luxmore
Debra Lynn Orley
Mary D. Reynolds
Jane Ellen Richardson
Virginia Ann Sheehan

Patty Jean Smith
Deborah L. Stroup
Laura Ann Tanguy
Camilla Jane Turner
Diane Elaine Youtzy

COMMUNICATION DISORDERS

Yvonne Atcheson
Lael Ann Beier
Billie Ann Brotman
Diane Burton

SPEECH COMMUNICATION

Randall Bryce Brown
Gwen Davis
Alan Leonard Fisher
John Franklin Gordon
Laurie duPont Hennicker
John Thomas Hestand
Jill L. Hildremyr
Maryella Kerr

Nancy Ellen Matt
*Honors Thesis: The
Administration and Analysis of
an Organizational
Communication Audit*
Kimberly Wilson

SPEECH PATHOLOGY AND
AUDIOLOGY
James Douglas Campbell
Phyllis C. Farmer
Stephen A. Kyker
Paula Marie Plamondon

BACHELOR OF FINE ARTS
Degrees Conferred January 16, 1974

CERAMICS
Reed F. Keller,
with distinction

COMMERCIAL ART
James E. Flynn
Marilyn I. Isley
Lawrence Jeffrey Motz
William L. Niblick
Mary Kathleen Smith

CRAFTS
Linda Diane Strauss

DESIGN
Richard Ronald Duncan
Joseph Perry Lindley Jr.

ENVIRONMENTAL DESIGN
Catherine Patricia Anderson
Carole R. Beams

Joan Frey Beyer,
with distinction
Suzanne Dubriel Bodor,
with distinction
Lorraine M. Cutler,
with high distinction
John H. Felt
Donna Faye Genera
Barbara Vaaler Greengard,
with distinction
Iva Marie Krogman,
with distinction
Angela Karen McDonald,
with distinction
Martha Jane Mitchell,
with distinction
Tonja Lee Pearson
Cindy L. Pike

PAINTING AND DRAWING
Maria Ewa Rylski-Aguigui
Adrienne Craig,
with high distinction

James L. Dell
Jean Delmonico,
with high distinction
Gail Christine Humphreys,
with high distinction
Gordon R. Jones
John Deane Kapp
Michael Edward Rodericks
John Clarence Warren III
Nancy Jean Yeatman,
with distinction

PHOTOGRAPHY
Gloria Colleen McNeal
Dennis F. Meyler
Jeffrey Leigh Staggs,
with distinction

SCULPTURE
Michael Thomas Hibner,
with high distinction

BACHELOR OF FINE ARTS
Degrees Conferred September 14, 1973

CERAMICS-CRAFTS
George Douglas Bohm
COMMERCIAL ART
Gayle E. Kitchel,
with distinction
DESIGN
Kaye Lynne Carlson,
with distinction

ENVIRONMENTAL DESIGN
Teresa L. Burden
Sarah Elizabeth Richmond,
with distinction
PAINTING AND DRAWING
Robert Paul Meyer
Lynn Christine Millsap,
with distinction

Julia Alice Owens
PHOTOGRAPHY
D. James Fox
Edward Gibson
Eugene Anthony Nelssen
SCULPTURE
Jan R. Abramson

Candidates for the Degree of
BACHELOR OF FINE ARTS
To Be Conferred on May 17, 1974
Subject to Completion of Requirements

CERAMICS-CRAFTS

Terry Grant Beier
 Brenda Lee Everill
 Eugene D. Sarver

CRAFTS

Cynthia Anne Welter

COMMERCIAL ART

Martha Ann Beakley
 Stuart Hamilton Biscoe
 James Arthur Collins
 Susan Fuchs
 Randy Galloway
 Susan Kay Kansteiner
 Dennis A. Phillips
 Jeri Ellen Satin
 Norman Wayne Schillereff
 Forest Michael Shepard
 Steven Paul Stanley
 Jeffrey Michael Van Duerm
 Mark Richard Wetlaufer

DESIGN

Tim C. Armi
 Mark John Miller
 Michael Conrad Richter
 Lynn LaVonne Turner

ENVIRONMENTAL DESIGN

Michael F. Barriga
 Wendy Louise Baumann
 John Kennedy Burnett
 Joan Chadwick Carqueville

Susan Anne Coulter
 Lynn Marie Cox
 Debra Lyn Fieselman
 David J. Hardy
 Marla Susan Howe
 Alison Lee Krasno
 Teresa Ann Mac Lean
 Martha Carolene Middleton
 Gerald Lee Morgan
 David John Ritchie
 Louise Shoemaker Stewart
 Claudia R. Vielock
 Barbara Kay Wanick
 Kathleen Ann White
 Sarah Elizabeth White

INTERIOR DESIGN

Phillip Cubillas Reina

PAINTING AND DRAWING

Madeline W. Averett
 Gayla Ellen Bolt
 Richard Alan Brandes
 Paul Frederick Connor
 Dennis A. Dawson
 Lorraine H. Dodsworth
 Edwin B. Hirth III
 James Edward Linehan
 Janis L. Meyer
 Barbara Davis Morris
 Robert Clark Patton
 Rose Marie Salgado
 Gwen Toshiko Sparks

Karen Marie Stone
 Charles Richard Wagner

PHOTOGRAPHY

Judith Hurd Anderson
 Michael Ware Baker
 Angelo Joseph Casino
 N. C. Keith Dibble
 Gregory Menefee Doyle
 Jeffrey L. Durland
 Joe Louis Garcia
 Jack Avon Hoopes
 Christine Marie Hornung
 William John Keaton
 Robert Allen Kohler
 Gary Wayne Lewallen
 Mary Jo Mathewson
 Larry Evans Moore
 Philip Joseph Pinotti
 Ann Michele Reynolds
 Kenneth Robert Whyte

PRINTMAKING

Robin Lynne Becker
 Mary Gail Everson

SCULPTURE

Verner Franklin Kelly
 Michael F. Kerper
 Scott K. Lang

SPACE DESIGN

F. John Ponce de Leon

BACHELOR OF MUSIC
Degrees Conferred September 14, 1973

INSTRUMENTAL MUSIC

Carl Edward Hendrickson,
with distinction

MUSIC PERFORMANCE

Carolyn Sue Elfgen

BACHELOR OF MUSIC
Degrees Conferred January 16, 1974

CHORAL MUSIC

Dean Paul Yoder,
with high distinction

INSTRUMENTAL MUSIC

Jacqueline Sue Akers
Carol Nan Balkenbush,
with distinction

Gary J. Flowers

Gary Clemens Larkins,
with distinction

Leah J. Seibert,
with distinction

Harry Bruce Whitehead,
with distinction

MUSIC PERFORMANCE

Donna Carol Sorensen,
with distinction

THEORY AND COMPOSITION

Linda Mae Psaute,
magna cum laude

Candidates for the Degree of
BACHELOR OF MUSIC
To Be Conferred on May 17, 1974
Subject to Completion of Requirements

CHORAL MUSIC

Timothy Allen Burns
Tara Lee Gillock
Arthur Peter Kern
Patricia Gay Magnusson
Kathryne Riney
Sue Anne Steele
Michael Dodd Louis Whitney

INSTRUMENTAL MUSIC

David Martin Axton
Rebecca Jane Bigler

Karen Jean Ekblaw

William Ralph Engel
Jonathan Wayne Fincher
Wanda Louise Glenn
Thomas Arthur Johnson
Charles Frederick Nagel
Karen Ann Schuld
Linda Jean Thompson

MUSIC PERFORMANCE

William Scott Ball

Patricia Rae Dawes

Hugh R. Hendrickson
Margaret Marie McAlpine
Virginia Cardon Peterson
Mary Elizabeth Settles
Susan Marie Stone

THEORY AND COMPOSITION

Robert Nicholas Duvo
John A. Flores
Richard Edward Voorhaar

CONFERRING OF GRADUATE DEGREES

PRESIDENT JOHN W. SCHWADA

The Recipients and Candidates Will Be Presented By

WILLIAM J. BURKE, PH.D.
Dean of the Graduate College

MASTER OF ARTS

Degrees Conferred September 14, 1973

Ingrid Marie Elfriede Apter, *French*

Certificat d'Etudes Francais, University of Lausanne, 1971

William Arthur Bahrt, *Speech Communication*

B.A., San Diego State College, 1971

Lynda Katherine Black, *Spanish*

B.A. in Ed., Arizona State University, 1972

Kevin C. Brechner, *Psychology*

B.S.P., Washington State University, 1970

Thesis: Attribution of Cooperation and Competition in a Prisoner's Dilemma Game Situation

Patricia Brennan, *Sociology*

B.S., Arizona State University, 1971

Thesis: Characteristics of Heroin Addicts

David G. Bullard, *Psychology*

B.A., University of Michigan, 1967

Thesis: The Effects of Therapist and Client A-B Status in Group Psychotherapy

Carley Mabel Burns, *Art (Art Education)*

B.F.A., University of Arizona, 1967

Thesis: An Investigation of Some Relationships Between the Emotionally Disturbed Child and Listening Problems as They Relate to the Practice of Art Education

Lannie Depue Cardona, *Geography*

B.S., Sam Houston State Teacher's College, 1965

Sheri Faith Crawford, *Humanities*

B.M., San Francisco State College, 1970

Thesis: Paolo Soleri and the Building of a Utopian Community

Miles L. Davidson, *Humanities*

B.A., Arizona State University, 1971

Thesis: Berkeley and Skinner: A Radical Assumption

Thomas R. Davidson, *Art (Art Education)*

B.F.A., Arizona State University, 1971

Thesis: An Examination of Selected Aspects of Contemporary Visual Art as They Influence the Practice of Art Education in the Secondary Schools

Allen John Duricko, *Psychology*

B.S., University of Scranton, 1967

Thesis: Free-Choice Free-Time: A Simple Approach to the Control of Classroom Behavior

Fieke Fabricant, *French*

B.A., State University College at Buffalo, 1972

Ethel Florence Fabrin, *French*

B.A., Arizona State University, 1964

Norma Carrera Garcia, *Spanish*

B.A. in Ed., Arizona State University, 1967

Mary Ann Gusler, *Geography*

B.A., Mary Washington College, 1966

Thesis: Folk Housing in Patrick County, Virginia

- Hal Hallock, *Art (Art Education)*

B.F.A., Pennsylvania State University, 1971

Thesis: Selected Approaches to the Modification of Aesthetic Environmental Awareness with Special Emphasis on Drugs as a Significant Factor

John Michael Hermann, *Sociology*

B.A., Lake Forest College, 1971

Thesis: The Effects of Anomie and Retreatism upon the Culture of the Menominee Indians

Joseph Charles Holtey, *History*

B.A., Maryknoll College, 1965

Thesis: Bolivia: The Era of René Barrientos Ortuño 1964-1969

Cheryl Lynn Jacobsen, *Humanities*

B.A., St. Olaf College, 1969

Thesis: O. E. Rølvaag's Cultural Philosophy: A Case for Creative Ethnicity

Gear Mumena Kajoba, *Geography*

B.A., University of Zambia, 1972

Philip Stanley Koch, *Sociology*

B.S., Arizona State University, 1970

Thesis: Asylums, Labeling, and Stigma: A Study of Patients at Arizona State Hospital

Barbara R. Kuhn, *Geography*

B.A., Notre Dame College, 1966

Karen Eileen Langdon, *Sociology*

B.A., University of Tulsa, 1969

Thesis: Income Distribution and Social Characteristics of SMSA'S

William Thomas Laprade, *Geography*

B.A., Clark University, 1967

Thesis: Drainage Basin Morphometry in the Arid Southwest

Rebecca Jane Larsen, *English*

B.A. in Ed., Arizona State University, 1968

Jill Ann Marlowe, *Mathematics*

B.S., Arizona State University, 1971

Louis Arthur Martinez, *Spanish*

B.A., Arizona State University, 1971

Gaylord Michael McGrath, *Geography*

B.S., University of Iowa, 1968

Dean Harry McManus, *Mathematics*

B.A. in Ed., Arizona State University, 1971

Mary Lou McNatt, *Theatre*

B.A., Arizona State University, 1966

Thesis: The W. E. Hill Theatre Collection

Marilyn Meili, *Art (Art Education)*

B.F.A., Texas Christian University, 1963

Thesis: A Study of Some Behavioral Characteristics of the Aesthetically Aware Child as They Relate to Selected Practices in Elementary School Art Education

Jane Eleanora Metzger, *Art (Art Education)*

B.F.A., Ohio State University, 1969

Thesis: Toys as Modifiers and Developers of Aesthetic Sensitivity and Visual Perception

Carol Ann Muller, *History*

B.S.Ed., University of Dayton, 1967

- Lucille Ann Muzik, *English*
B.A. in Ed., Arizona State University, 1967
- Marilyn Kaye Nicely, *English*
B.A., Ohio University, 1967
- Neland Daniel Nobel, *History*
B.A., Arizona State University, 1971
Thesis: Arizona and the Development of Grazing Regulation
- Jacob Parness, *History*
B.A., Los Angeles State College, 1966
- Carol MacKinlay Porter, *French*
B.A., Arizona State University, 1972
- Nancy Jeanne Purtill, *Anthropology*
B.A., Arizona State University, 1970
Thesis: A Survey and Analysis of Published Research on Australian Aboriginal Sign Language
- Pilar Neraida Ramis, *Spanish*
B.A., Grand Canyon College, 1971
- Laura Ellen Satchwill, *Art (Art Education)*
B.S., Huntington College, 1951
Thesis: An Examination of Selected Traditional and Experimental Approaches to Weaving in the Primary Grades
- Lynn Andrea Schlick, *Humanities*
B.A., Arizona State University, 1969
Thesis: A Cybernetic View of Marshall McLuhan: Contemporary Physics, Karl Marx, and Cubism
- David James Schmidt, *Art (Art Education)*
B.A., Albion College, 1968
Thesis: An Exploratory Examination of Selected Relationships Between Verbal Expression and Visual Art Process Expression
- Thorne Erwin Schubert, *Art (Art Education)*
B.F.A., University of Wisconsin, 1971
Thesis: British Open Schools: Implications for Public Primary School Art Education in the United States
- Richard Christian Sengele, *Geography*
B.A., Concordia Teachers College, 1966
- Susan Ann Slavin, *Political Science*
B.A. in Ed., Arizona State University, 1967
Thesis: The Omnibus Crime Control and Safe Streets Act of 1968
- Suzanne Helen Steadman, *English*
B.A., Australian National University, 1971
- Nancy E. Geisler Tamuty, *Art (Art Education)*
B.A., College of the Ozarks, 1959
Thesis: Some Relationships Between Creative Behavior and Art Teacher Effectiveness
- Janet Joy Tone, *French*
B.S., Mankato State College, 1968
- William Emerson Tower, *Speech Communication*
B.G.S., University of Nebraska at Omaha, 1970
- Thomas Robert Trimble, *Psychology*
B.A., Elizabethtown College, 1969
Thesis: Intradimensional Versus Extradimensional Shifts in Concept-Shift and Discrimination-Reversal Learning Using Semantic Differential Concepts
- Jon Edward Walker, *Sociology*
B.A., Mankato State College, 1968
Thesis: Attitudinal Effects of Volition and Reward Under Forced Compliance
- Gregory Blaine Walters, *Sociology*
B.A., Arizona State University, 1971
Thesis: Psychedelics and Religion: A Sociological Investigation
- Lynda Lorraine Waski, *Anthropology*
B.A., Adams State College, 1969
Thesis: Kinship and the Structure of Formal Groups
- Susan Gale Wintermute, *Spanish*
B.A., Arizona State University, 1970
B.A. in Ed., Arizona State University, 1970
- Gerald E. Wolfe, *Art (Art Education)*
B.F.A., Oklahoma State University, 1966
Thesis: A Proposal for a Curriculum Model for Commercial Art Career Education in the Secondary School as Related to Selected Community Values
- Richard Nelson Wood, *Speech Communication*
B.A., Arizona State University, 1971
Thesis: A Field Test of Burhans' Internal Communication Audit
- Barbara Joanne Woolford, *Mathematics*
B.A., Arizona State University, 1968

MASTER OF ARTS

Degrees Conferred January 16, 1974

- Miriam J. Abdow, *Spanish*
Diplome de Licencie es Lettres, 1956
- Jacqueline Faye Miller Boynton, *Sociology*
B.A., Arizona State University, 1969
Thesis: Subdimensions of Religiosity and Social Issues: A Comparative Study of Church Leadership
- David Robert Burrows, *Geography*
B.A., University of Wisconsin-Green Bay, 1971
Thesis: Solid-Waste Disposal in the Urban Environment
- Olive W. Busby, *English*
B.A.Ed., University of Arizona, 1966
- Ralph H. Caputo, *Art (Art Education)*
B.S., McPherson College, 1970
Thesis: An Investigation of the Relationship of Career Education to Art Education: Grades 1-4
- Shirley Marie Carson, *English*
B.A., St. Andrews Presbyterian College, 1971
- Robert Dale Coffey, *Art (Art History)*
B.A., University of Miami, 1957
Thesis: The Skull Paintings of Georgia O'Keeffe
- Patricia A. Coleman, *Theatre*
B.S., Southern Utah State College, 1969
Thesis: A Study of Criteria and Methodology for the Beginning Children's Theatre Playwright
- Margaret Ann Cotton, *Art (Art Education)*
B.F.A., Drake University, 1968
Thesis: An Investigation of In-Service Teacher Programs in Elementary School Art Education
- Susan R. Crampton, *French*
B.A., Lake Erie College, 1968
- Garrett Clark Dailey, *Political Science*
B.A., University of California, 1969
Thesis: A Study of Militarism in Air Force Officers
- Susan Fuller Davidson, *Humanities*
B.A., Arizona State University, 1971
Thesis: Against the Stream: Gertrude Stein and Jamesian Psychology
- William Crill Devine, *Geography*
B.A., San Jose State College, 1953
Thesis: The Development of Map Accuracy in the Cartography of the American West, 1820-1860
- James Vincent Ebrecht, *Geography*
B.S., State College at Boston, 1971
Thesis: Variations in Mobility of Juvenile Delinquents in Phoenix, Arizona, 1971
- Robin Susan Emsley, *Art (Art Education)*
B.A. in Ed., Arizona State University, 1971
Thesis: Three Case Study Explorations of the Relationship Between Art and the Physiologically Blind Child

- Mario Robert Evans, *Sociology*
B.A., Kent State University, 1971
Thesis: Black Actors: Identity of Self and with Community
- Thomas A. Foley Jr., *Mathematics*
B.S., Arizona State University, 1972
- Betty S. Fritz, *English*
B.A. in Ed., Arizona State University, 1970
- Carol Ann Galan, *Art (Art Education)*
B.A. in Ed., Arizona State University, 1966
Thesis: A Behaviorally Objectivized Crafts Application for the Junior High School
- Ekaterini Georgoudaki, *English*
B.A., University of Salonica, 1965
- Beatrice Jo Harris, *Speech Communication*
B.A., Arizona State University, 1967
Thesis: A Dramatistic Analysis of the Memorials Presented to Congress by the Cherokees During the Period of the Trail of Tears, 1824-1840
- Halldor Elliott Hjalmarson, *Art (Art Education)*
B.A. in Ed., Arizona State University, 1965
Thesis: An Evaluation of Art Education Practices in Self-Contained Classrooms in the Roosevelt School District Grades One through Six
- Lylbern Garold Johnson, *Sociology*
B.A., William Penn College, 1937
Thesis: Factors in Crime Rate Variation Among United States Cities
- David Warren King, *Psychology*
B.A., Texas Technological College, 1969
Thesis: Alpha Rhythm Control in the Absence of Feedback
- Robert E. Laugier, *French*
B.A., Arizona State University, 1971
- Gary R. Lindgren, *English*
B.A., Midland Lutheran College, 1968
- Nancy-Jo Merritt, *English*
B.A., Arizona State University, 1964
- Charles L. Meyer, *Political Science*
B.S., Bowling Green State University, 1964
Thesis: Rebellion and Authority in Vietnam: A Comparative Approach with America's Failure in China
- Perri Tweed Meyer, *English*
B.A., University of Arizona, 1964
- Richard Ira Miller, *Psychology*
B.S., State University of New York at Stony Brook, 1968
Thesis: A Pseudoshift Paradigm for Concept Learning
- Donald W. Moon, *Geography*
B.A., University of Washington, 1947
Thesis: The Diurnal Variation of Ambient SO₂ Measurements in the Vicinity of Arizona Copper Smelters
- Nancy Jo Mote, *English*
B.A., Chestnut Hill College, 1960
- Elizabeth Ann Myles, *Theatre*
B.A., Pace College, 1972
- John E. Nelson Jr., *Geography*
B.S., Middle Tennessee State University, 1970
- Okon Johnson Onyung, *Geography*
B.A., Northwestern State College, 1970
- Chusak Prescott, *Art (Art Education)*
B.A. in Ed., Arizona State University, 1973
Thesis: A Comparative Investigation of Selected Components of Art Education in the United States of America and in Thailand
- Shirley Jean Roberts, *Geography*
B.A. in Ed., Arizona State University, 1969
- Gwendolyn Ann Rowley, *English*
B.A. in Ed., Arizona State University, 1971
- Bonnie Jo Schell, *Humanities*
B.A., Agnes Scott College, 1966
Thesis: The Complaint Lyric: Persistent Attitudes of Various Spokeswomen Since Chaucer
- John H. Shively III, *Geography*
B.A., Ohio Wesleyan University, 1970
Thesis: The Spatial Distribution Pattern of Opuntia bigelovii in Phoenix South Mountain Park, Arizona
- Jerald D. Smith, *Art (Art Education)*
B.A. in Ed., Arizona State University, 1970
Thesis: A Critical Examination of Selected Approaches to Teaching Centrifugal Lost Wax Investment Casting in the Secondary School
- Anne Margaret Sullivan, *Speech Communication*
B.A., University of Montana, 1970
Thesis: A Comparative Analysis of Daniel O'Connell's Arguments Supporting Catholic Emancipation and Repeal of the Union
- Annie Terluk, *French*
B.A., Arizona State University, 1969
Thesis: Les Personnages de Pinget à la Quête d'une Indentité
- Marcel Elmer Thoma, *Geography*
B.S., Carroll College, 1971
Thesis: Locational Analysis of the Green Pea and Sweet Corn Processing Industry in Wisconsin
- Wanda Barbara Vadimski, *Sociology*
B.A., University of Arizona, 1971
Thesis: Juvenile Delinquency and Marijuana Smoking
- Wenda Mary Vadimski, *Sociology*
B.A., University of Arizona, 1971
Thesis: The 1972 Presidential Election: Cognitive Dissonance and Image Maintenance Among College Students
- Wanda Jane Wells, *Art (Art Education)*
B.A. in Ed., Arizona State University, 1969
Thesis: An Investigation of Art and Reading as Analogous Perceptual Learnings: Grades K-3
- William Kent Williams, *Geography*
B.S., University of Nevada, 1968.
- Garth P. Wilson, *English*
B.A., Hastings College, 1961

Candidates for the Degree of

MASTER OF ARTS

To Be Conferred on May 17, 1974

Subject to Completion of Requirements

- Bayard McIntosh Atwood III, *Mathematics*
B.A., Arizona State University, 1970
- Robert Wesley Barefoot, *Mathematics*
B.S., Arizona State University, 1969
- Marcy Mason Barge, *Mathematics*
B.A., Ft. Lewis College, 1972
- Eleanor Grace Begay, *English*
B.A., Arizona State University, 1969
- Ethelynn M. Bizer, *Political Science*
B.A., Arizona State University, 1971
Thesis: An Analysis of Cuban-Chilean Relations, 1959-72
- Carmen Madrigal de Boller, *Spanish*
B.A. in Ed., Arizona State University, 1970

- Marilyn Lee Boyle, *Speech Communication*
B.A., University of Sydney, 1957
Thesis: Three Sacrifices: A Burkean Analysis of the Yaqui Easter Ritual
- Charles Davey Braman, *Art (Art Education)*
B.S., Arizona State University, 1961
Thesis: An Investigation of a Career Education Approach as a Curriculum Alternate in Commercial Art at the College Level
- Nikki Lu Buchanan, *English*
B.A., Arizona State University, 1972
- Aileen Call, *Speech Communication*
B.A., Arizona State University, 1969
Thesis: Rhetorical Analysis of the United States Supreme Court School Desegregation Decision of 1954
- Raymond Djernes Carter, *Mathematics*
B.S., Idaho State University, 1967
- Kenneth Curtis Croisant, *Art (Art Education)*
B.A. in Ed., Arizona State University, 1972
Thesis: An Exploratory Proposal for the Organization and Structure of National and Regional Curriculum Learning Centers for Art Education
- Joseph Charles DeMaio, *Psychology*
B.A., University of California Berkeley, 1972
Thesis: Central Processing Capacity
- Thomas H. DuMez, *Art (Art Education)*
B.F.A., Arizona State University, 1970
Thesis: An Examination of Contemporary Approaches of Sculpture-Jewelry as Modifiers of Aesthetic Sensitivity and Related Art Behavior
- Carol Barford Dunton, *Speech Communication*
B.A. in Ed., Arizona State University, 1969
- Beth Ann Eakin, *Sociology*
B.S., Arizona State University, 1972
- Roberto J. V. C. Escobar, *Speech Communication*
B.A., Marquette University, 1971
- Elaine Wykes Espericueta, *English*
B.A., Iowa Wesleyan College, 1967
- Paul Larry Etnire, *Sociology*
B.S., Northern Arizona University, 1967
- Cheryl Ann Ewy, *Art (Art Education)*
B.A. in Ed., Arizona State University, 1970
Thesis: Some Relationships Between Selected Aspects of Creative Behavior and Visual Aesthetic Behavior Among Adolescents
- Zacchaeus Sunday Famisa, *Geography*
B.A., University of Ibadan, 1969
Thesis: A Locational Analysis of the Cotton Textile Industry in Nigeria, 1971
- Valeri Gloria Fekete, *Sociology*
B.A., Arizona State University, 1970
- Linda Louise Forbes, *English*
B.A.E., Western Illinois University, 1970
- Michael S. Friedman, *Mathematics*
B.S., State University of New York, 1972
- Roberta Mahnke Furnish, *Spanish*
B.A., Grinnell College, 1963
- Carl Edward Granzow, *Art (Art Education)*
B.A. in Ed., Arizona State University, 1970
M.F.A., Arizona State University, 1974
Thesis: An Exploration of Selected Synergetic Interactions Between Technology and Art Experience
- Shelley Grebles, *English*
B.A.Ed., University of Arizona, 1970
- Michael Jean Grooters, *English*
B.A., Hope College, 1961
- Arlette Augusta Hagstrom, *French*
B.A., Arizona State University, 1972
- Dennis Gerald Hall, *Mathematics*
B.S., State University of New York, 1972
- Myra Amy Harris, *Anthropology*
B.A., New York University, 1967
M.A. in Ed., Arizona State University, 1971
Thesis: An Investigation into Trade and Contact at Vosberg, Arizona
- Sandra Jean Hayley, *Sociology*
B.A., Little Rock University, 1970
- Joseph James Henery, *Sociology*
B.S., Oregon State University, 1972
- William Jensen Heppe, *Mathematics*
B.S., Arizona State University, 1971
- Dennis Brent Hermann, *Mathematics*
B.A., Bradley University, 1972
- Donald Alfred Holgate, *Art (Art Education)*
B.S., University of Colorado, 1957
Thesis: An Investigation of Selected Learning Environments as Motivators for Art Behavior in the High School
- William Gates Holiday, *Anthropology*
B.S.M.E., Carnegie-Mellon University, 1936
Thesis: Archaeological Investigations in the Cave Creek Drainage, Arizona
- Mary Jane Hutchins, *Art (Art Education)*
B.S.Ed., Spalding College, 1970
Thesis: An Examination of the Role of the Classroom Teacher as Art Teacher in the Elementary School
- Robert E. Jaiven, *Mathematics*
B.A., Brooklyn College of the City University, 1972
- Richard Jerome Jennings, *English*
B.A., University of Miami, 1971
- Kenneth John Jeray, *Geography*
B.S., University of Wisconsin, 1968
- Donna Marlene Jesman, *Art (Art Education)*
B.A. in Ed., Arizona State University, 1971
Thesis: An Examination of the Dance as Motivation for Art Behavior and the Development of the Self-Concept
- Gordon Lee Jesse, *Theatre*
B.A., Arizona State University, 1971
- Bruce Henry Johnson, *Mathematics*
B.S., Arizona State University, 1970
- Michael Ashton Jones, *Political Science*
B.A., Virginia Polytechnic Institute, 1970
Thesis: Nigeria: A Case Study of Political Disintegration
- Robert Daniel Sterling Jost, *Geography*
B.A., Dartmouth College, 1971
- Henry John Keneally III, *Sociology*
B.S., Arizona State University, 1965
- Linda M. Kerr, *English*
B.A. in Ed., Arizona State University, 1970
- Mark V. Knight, *Psychology*
B.A., University of Illinois, 1970
Thesis: The Response Set Paradigm in Dichotic Memory
- Thomas James Kollenborn, *Geography*
B.A. in Ed., Arizona State University, 1972
- Rodney Joseph Korba, *Art (Art Education)*
B.F.A., Denison University 1972
M.A. University of Denver, 1973
Thesis: An Explorative Study of Alternate Strategies for Modifying Aesthetic Behavior, Through Educational Film
- Nicholas Lambesis, *Humanities*
B.A., University of Minnesota, 1968
Thesis: Nikos Kazantzakis and the Orient
- John C. Lamont, *Spanish*
B.A., Brigham Young University, 1967
- Delsie F. Lofton, *Anthropology*
B.A., Arizona State University, 1968
Thesis: An Archaeological Survey of the Middle Chinle Valley
- William James Martin, *Art (Art Education)*
B.A. in Ed., Arizona State University, 1967
Thesis: A Critical Examination of Selected Writings of R. Buckminster Fuller as They Relate to Art Education
- Ronald Edward Mattson, *History*
B.A., Berea College, 1970
Thesis: The Minnesota State Grange: Roots of Reform 1868-1885
- Robert Stephen McCarthy, *English*
B.A., Western New England College, 1972
- Carolyn Perkins McKechnie, *Geography*
B.A., University of California Berkeley, 1970

Marsha Jean Morrell, *Mathematics*

B.S., State University of New York, 1972

Duane Morse, *Mathematics*

B.A., Arizona State University, 1972

Robert Ben Mugford, *English*

B.A., University of Connecticut, 1969

James Thomas Mugridge, *Philosophy*

B.A., Arizona State University, 1971

Judith S. Murphy, *French*

B.A., Miami University, 1968

Ann Humphrey Naylor, *English*

B.S., University of Wisconsin, 1969

Judy Ann Pearce, *English*

B.A., University of South Carolina, 1971

Susan Bryan Perkins, *Mathematics*

B.S., University of North Carolina, 1970

Sheldon Karl Piepenburg, *Geography*

B.S., Carroll College, 1971

Thesis: A Method for Improving Comprehension of Base Maps by Using Preferred Symbols

Anna Lea Platz, *English*

B.S., Arizona State University, 1970

Diane M. Ramsey, *Political Science*

B.A., Kent State University, 1966

Thesis: The Political Succession Crisis of a One-Party Regime: A Case Study of the Cerman Democratic Republic

Sharon Elizabeth Smith Remagen, *Spanish*

B.A., Arizona State University, 1971

Pamela Renner, *History*

B.A.Ed., University of Arizona, 1967

Thesis: La Paz--Gateway to Territorial Arizona

Michael D. Ryan, *English*

B.A., St. John's University, 1967

Jami Janine Sandro, *English*

B.A. in Ed., Arizona State University, 1970

Cynthia Ann Schable, *English*

B.A., Arizona State University, 1969

Donna Elaine Schatschneider, *Spanish*

B.A., Arizona State University, 1972

Steven Schlesinger, *Philosophy*

B.A., State University of New York, 1972

Carol L. Schmidt, *Art (Art Education)*

B.A., University of Wisconsin, 1973

Thesis: An Exploratory Investigation of Personal Knowledge as a Modifier for Visual Aesthetic Behavior

Richard Lawrence Schuster, *Sociology*

B.S., University of Wisconsin, 1972

Donald Earl Simonis, *Anthropology*

B.A., Arizona State University, 1967

Margaret Louise Smith, *Sociology*

B.S., Arizona State University, 1972

Jeffrey L. Stangl, *English*

B.A., St. Mary's College, 1968

Penny Albright Steiner, *Theatre*

B.A. in Ed., Arizona State University, 1962

Thesis: Anne — A Historical Musical Drama Based on the Boston Life of Anne Hutchinson

Kenneth Lee Stetzler, *Mathematics*

B.S., Illinois State University, 1972

Sharon Ann Coursen Swanick, *Theatre*

B.A. in Ed., Arizona State University, 1972

Claudia Jean Tautfest, *Sociology*

B.A., Arizona State University, 1972

Joan M. ten Hoor, *Humanities*

B.A., Hope College, 1966

M.A., University of Michigan, 1968

Donna LaVonne Thorpe, *Sociology*

B.S., Iowa State University, 1970

John Underwood, *English*

B.A., Arizona State University, 1967

James H. Urie, *History*

B.A. in Ed., Arizona State University, 1967

Gildardo Villaseñor Jr., *Spanish*

B.A. in Ed., Arizona State University, 1970

Larrie James Warren, *History*

B.A., Arizona State University, 1970

Thesis: The Bisbee Deportation 1917: Antiradical Repression During World War I

Darryl Kenneth Wenner, *English*

B.A., Northwest Nazarene College, 1969

Paul R. Willemsen, *German*

B.A., Arizona State University, 1968

Stephen Louis Wolf, *Art (Art Education)*

B.A. in Ed., Arizona State University, 1973

Thesis: An Examination of the Developmental Aspects of Visual Aesthetic Preference Among Young Children

Abelardo Gonzales Yvankovich, *Spanish*

B.A., Arizona State University, 1971

Elisabeth M. Zeiner, *German*

B.A. in Ed., Arizona State University, 1970

Dorothea B. Zimmerman, *Art (Art Education)*

B.A. in Ed., Arizona State University, 1967

Thesis: Adolescent Visual Aesthetic Behavior as a Function of the Self Concept

MASTER OF SCIENCE

Degrees Conferred September 14, 1973

Barbara Jean Adams, *Physical Education*

B.S.Ed., University of Nebraska, 1970

Thesis: The Effect of a Paddle Tennis Progression Method on Acquisition of Skill in Tennis Forehand and Backhand Drives and the Service

Susan Leslie Anderson, *Geology*

B.S.Ed., Northern Illinois University, 1970

Thesis: Investigation of the Mesa Earth Crack, Arizona, Attributed to Differential Subsidence Due to Groundwater Withdrawal

Joseph Garnett Aylor Jr., *Geology*

B.A., University of Virginia, 1970

Thesis: The Geology of Mummy Mountain, Phoenix, Arizona

Ferris Lee Bavousett, *Physical Education*

B.S., Texas Wesleyan College, 1972

Shirley Louise Blair, *Speech Pathology*

B.S., Colorado State University, 1965

Andrea B. Carey, *Nursing*

B.S. in Nurs., Arizona State University, 1972

Richard David Daughterity III, *Engineering*

B.S.C.E., Virginia Military Institute, 1966

Helen Elizabeth Diller, *Home Economics*

B.A. in Ed., Arizona State University, 1968

Victor Anthony Dugal, *Accounting*

B.S., Arizona State University, 1971

Marjorie Hiskens Evans, *Home Economics*

B.S.N.E., Washington State University, 1946

Joel Emmett Farrell, Agriculture

B.S., Arizona State University, 1972

*Thesis: Behavioral Patterns of Feral Burros as Influenced by Seasonal Changes in Western Arizona***Robert Ray Fuller, Engineering**

B.S., United States Air Force Academy, 1963

Dean Richard Gorman, Physical Education

B.A. in Ed., Arizona State University, 1972

Richard Warren Hanford Jr., Engineering

B.A., DePauw University, 1970

Kim Gordon Helliwell, Physics

B.A., Northwest Nazarene College, 1971

Paul Randall Isbell, Engineering

B.S., Jacksonville State College, 1964

Stephan Garland Knight, Physical Education

B.S., Grand Canyon College, 1963

Harold Paul Lachmann, Accounting

B.S. in Engr., Arizona State University, 1964

Robert S. Leverton II, Zoology

B.A. in Ed., Arizona State University, 1972

Randolph Stewart Linebarger, Engineering

B.S., Arizona State University, 1970

Carlton Ray McJunkins, Accounting

B.A., Adams State College, 1972

Sandra McKinnon, Speech Pathology

B.A., Idaho State University, 1971

Charles Eugene Norton, Technology

B.S., Arizona State University, 1965

Carla Kay Oser, Speech Pathology

B.S.Ed., Ashland College, 1971

Violet Jane Pauls, Physical Education

B.S., Wisconsin State University — Superior, 1970

Sue Ann Paulson, Physical Education

B.A., Rocky Mountain College, 1968

Stephen B. Peltier, Accounting

B.S., University of Kansas, 1972

Robert Dennis Petrillo, Engineering

B.S., Arizona State University, 1971

David Charles Pheanis, Engineering

B.S., Case Western Reserve University, 1969

*Thesis: A Computer Implementation of A (2, 1; 1, 1) Grammar Analyzer and Parser***Donna E. Portz, Zoology**

B.A. in Ed., Arizona State University, 1968

*Thesis: Plankton Pigment Heterogeneity in Seven Reservoirs of the Lower Colorado Basin***John Jerome Rathke, Speech Pathology**

B.S., Morningside College, 1970

Dennis Irving Robbins, Physics

B.A., DePauw University, 1971

Harold Scott, Economics

B.S., Arizona State University, 1971

*Thesis: Public Ownership and Economic Regulation: Pricing in Two Arizona Utilities***Stephen Phillip Sedler, Accounting**

B.A., Stanford University, 1968

Janet Lee Shaler, Physical Education

B.A. in Ed., Arizona State University, 1971

Douglas C. Shank, Geology

B.S., Youngstown State University, 1971

*Thesis: Environmental Geology in the Phoenix Mountains, Maricopa County, Arizona***Larry L. Shannon, Engineering**

B.S., Colorado State University, 1963

*Thesis: A Dual Structured Data Base System***Jay Jeffery Shapiro, Accounting**

B.B.A., University of Wisconsin, 1972

Joel Shapiro, Home Economics

B.A., University of Arizona, 1968

J. Randall Smith, Engineering

B.A., Occidental College, 1968

Melvin R. Smith Jr., Accounting

B.S.B.A., West Virginia University, 1968

Laurel Jane Soss, Zoology

B.S., University of Michigan, 1966

John Maynard Stover, Engineering

B.S., United States Air Force Academy, 1961

Mary Louise Tanguay, Speech Pathology

B.S., Arizona State University, 1972

Dorene Lois Ruth Taylor, Speech Pathology

B.A., Central Washington State College, 1972

Michael Terpak, Physical Education

B.S., Ithaca College, 1972

Herman J. Torrano Jr., Technology

B.E., Colorado State University, 1969

Douglas Van Ormer, Engineering

B.S.Ed., Edinboro State College, 1963

Michael Edward Villott, Technology

B.S., Arizona State University, 1972

Richard Thomas Von Pein, Engineering

B.A., Monmouth College, 1969

MASTER OF SCIENCE*Degrees Conferred January 16, 1974***Franklin Perry Abshire, Technology**

B.S., Arizona State University, 1969

Abdullatif Ahmad Al-Bader, Zoology

B.S., University of Arizona, 1970

*Thesis: The Effect of Supernumerary Heterochromatic Segments on Chiasma Formation in the Grasshopper Camula Pellucida***Peter Olof Bersell, Zoology**

B.S., Arizona State University, 1970

*Thesis: Vertical Distribution of Fishes Relative to Physical, Chemical and Biological Features in Two Central Arizona Reservoirs***Alan Bier, Engineering**

B.S., City College of New York, 1972

*Thesis: Automatic Cyclic Code Design***Jesus Antonio Bilbao, Physics**

B.S., Creighton University, 1971

Susan Elizabeth Bowman, Speech Pathology

B.S., Arizona State University, 1970

*Thesis: Reassessing the Validity of the Articulation Index Under Conditions of Low-Pass and High-Pass Filtered Speech***Ronald William Brooks, Economics**

B.A., Xavier University, 1972

*Thesis: Transportation (Availability) and Employability of the Urban Poor***Beverly Sue Chilton, Zoology**

B.S., Arizona State University, 1970

*Thesis: Effects of Gamma Radiation on the Ultrastructure and Acid Phosphatase Activity of the Mid-Gut of Adult Beet Armyworms, Spodoptera exigua (Hübner)***Tina Chen-shin Chow, Microbiology**

B.S., National Taiwan University, 1970

Thesis: Fatty Acid Composition of Caulobacter Crescentus

Barbara Hunt Conner, *Home Economics*

B.A., Arizona State University, 1969

*Thesis: The Influence of Clothing on the Formation of First Impressions***Charles Herman Forslund, *Economics***

B.A., Oregon State University, 1971

*Thesis: A Case Study of the Term Structure of Interest Rates***Richard Elkins Forster, *Engineering***

B.S., United States Air Force Academy, 1968

Randolph Nelson Foster III, *Zoology*

B.A., Nebraska State Teachers College-Chadron, 1967

*Thesis: A Systematic Study of Emarginatae Species of the Genus Acmaeodera (Coleoptera: Buprestidae) Occurring in Arizona***Virginia Lisbeth Foster, *Physical Education***

B.S.Ed., Northern Arizona University, 1971

Gerald Duane Gavette, *Agriculture*

B.S., Arizona State University, 1966

*Thesis: The Effects of Dequest and Other Phosphorus-Based Compounds as Chelating Agents in the Trace Element Nutrition of Plants***Kenneth William Hunter Jr., *Zoology***

B.A. in Ed., Arizona State University, 1973

*Thesis: Effect of the Parasite Copidosoma Truncatellum Dalman on Food Consumption of Trichoplusia Ni Hübner Larvae***Donald Patrick Johnson, *Engineering***

B.A., California State University, 1969

Ronald James Louis, *Engineering*

B.S., Arizona State University, 1965

*Thesis: Analysis of Compressible Flow Through a Spool Valve***Joseph Michael Madden, *Microbiology***

B.A., University of California, 1971

*Thesis: A Taxonomic Study of Some Antarctic Coryneform Bacteria***Carol Florence Marshall, *Speech Pathology***

B.S., Arizona State University, 1971

*Thesis: A Comparison of the Recorded Northwestern University Auditory Test #6 (NU-#6) and the Rush Hughes Recording of the Psychoacoustic Laboratory Phonetically Balanced Word List (PB-50) To Determine the Existence of a Difference Score***John Jay Mattick, *Chemistry***

B.A., Carthage College, 1969

*Thesis: Mechanisms and Fragmentations of Ionized Alcohols***Emad Mohit, *Economics***

B.A., State University of New York at Stony Brook, 1970

*Thesis: Iranian Balance of Payments: A Review and a Forecast***Selmer Olson, *Physical Education***

B.S., California State Polytechnic College, 1971

David John Redman, *Engineering*

B.S., United States Air Force Academy, 1970

Robert Lemoine Rennaker, *Engineering*

B.G.S., University of Omaha, 1967

Philip L. Rousculp, *Engineering*

B.S., Arizona State University, 1966

Howard John Sethman, *Zoology*

B.S., Pennsylvania State University, 1971

George Arthur Smith, *Agriculture*

B.S., Arizona State University, 1970

*Thesis: Factors Limiting the Marketing of Mexico-Grown Tomatoes in Ontario, Canada***Marija Strojnik, *Physics***

B.S., Arizona State University, 1972

Gerald Zimmerman, *Zoology*

B.A., Dartmouth College, 1952

D.D.S., University of Maryland Dental School, 1957

*Candidates for the Degree of***MASTER OF SCIENCE***To Be Conferred May 17, 1974**Subject to Completion of Requirements***Judith Jeanine Arnold, *Nursing***

B.S.N., University of Iowa, 1956

Hashim Gamal A-Shami, *Agriculture*

B.S., Cairo High Polytechnical Institute, 1970

*Thesis: Management Decisions in Narrow-Row Irrigated Upland Cotton in Relation to Crop Planning***Weldon D. Bagley, *Technology***

B.S., Utah State University, 1959

M.A. in Ed., Arizona State University, 1972

Terrance L. Beckhelm, *Economics*

B.S., Arizona State University, 1971

*Thesis: Inter-SMSA Patterns of Industrial Location***Elaine Jennifer Bell, *Geology***

B.S., Wisconsin State University, 1971

*Thesis: Origin of the Auriferous Clays in the Fairbanks Area, Alaska***John W. Bell, *Geology***

B.A., Augustana College, 1968

*Thesis: Environmental Geology of the Fairbanks Area, Alaska***Carol J. Belohlavek, *Zoology***

B.S., Dickinson State College, 1968

Steven Dennis Berkenkamp, *Zoology*

B.S., Arizona State University, 1967

*Thesis: Observations on the Scorpion Parasite Pimeliaphilus Joshuae Newell and Ryckman, 1966 (Acarina: Pterygosomidae)***James D. Bliss, *Geology***

B.S.G., South Dakota School of Mines and Technology, 1970

*Thesis: Selected Topics in the Geochemistry of Mercury***Donald C. Bottger, *Engineering***

B.S.Ed., University of Arizona, 1968

Scott Keith Brown, *Accounting*

B.S., Arizona State University, 1973

Rebecca S. Bryan, *Engineering*

B.S., Arizona State University, 1968

Patricia B. Butt, *Engineering*

B.S., University of Arizona, 1968

Daniel Hobbs Cable, *Physics*

B.S.E.E., Purdue University, 1970

Reidun Juvkam Daeffler, *Nursing*

Diploma, Aker Hospital School of Nursing, 1958

Margaret Stratton Dana, *Home Economics*

B.S.Ed., Northern Arizona University, 1969

Dorris Lee Horton Davis, *Nursing*

B.S. in Nurs., Arizona State University, 1972

Judith Smith Dempster, *Nursing*

B.S. in Nurs., Arizona State University, 1965

Susan J. Doolan, *Speech Pathology*

B.S.S., Marquette University, 1968

Robie C. Eastlack, *Technology*

B.S., California State Polytechnic College, 1965

Gary Bruce Edwards, *Zoology*

B.S., University of Arizona, 1966

Thesis: Biology of the Striped Bass, Morone saxatilis (Walbaum), in the Lower Colorado River (Arizona-California-Nevada)

- Shirley Eschbach, *Nursing*
B.S. in Nurs., Arizona State University, 1968
- William Patrick Eubank, *Economics*
B.A., Arizona State University, 1968
B.I.M., Thunderbird Graduate School of International Management, 1969
Thesis: An Analysis of the Physician Component in the Delivery of Medical Care with Special Reference to Arizona
- Lindsley H. Evans, *Zoology*
B.S., Northern Arizona University, 1971
- Max Feuer, *Engineering*
B.B.A., State University of Iowa, 1965
- Barbara Ann Fintak, *Engineering*
B.S., Wisconsin State University, 1970
- Carolyn Ann Flowers, *Home Economics*
B.A. in Ed., Arizona State University, 1969
- Paul Gaulocher, *Agriculture*
B.A., University of Santa Clara, 1968
Thesis: Forces Affecting Value of Agricultural Land in an Urbanizing Area
- Eugene Gazzola, *Technology*
B.A. in Ed., Arizona State University, 1972
- Ronald E. Gilbert, *Engineering*
B.S., Arizona State University, 1971
- Lorna Stulen Glaunsinger, *Zoology*
B.S., Western Michigan University, 1967
- Carol Jean Godejohn, *Nursing*
B.S., University of North Dakota, 1972
- Pedro Alejandro Gomez-Sotil, *Agriculture*
B.S., Arizona State University, 1973
Thesis: Developmental Parameters of Peruvian Fish Meal
- Doris Cora Haak, *Nursing*
B.S. in Nurs., Arizona State University, 1970
- Sheryl Hamlin, *Engineering*
B.A., Arizona State University, 1970
- William Michael Hannigan, *Economics*
B.A., University of Notre Dame, 1972
Thesis: Estimating The Cost of Illness in Arizona
- Anita Elizabeth Herl, *Zoology*
B.S., Arizona State University, 1967
- Donald Dale Hilliard, *Engineering*
B.S., University of Arizona, 1969
- Phillip Dietrich Hineman, *Engineering*
B.S., Arizona State University, 1962
- William Jacob Hodges Jr., *Accounting*
B.A., Michigan State University, 1970
- Jerry Wesley Isaman, *Engineering*
B.S.Ed., University of South Dakota, 1970
- Glenda Heaton Johnson, *Nursing*
B.S. in Nurs., Arizona State University, 1972
- Robert J. Johnston, *Engineering*
B.A., Syracuse University, 1966
- Peggy Jean Jones, *Nursing*
B.S.N., California State College at Long Beach, 1969
- Howard Stephen Kaplan, *Engineering*
B.A., Rutgers-The State University, 1967
- Judith Kay Kartchner, *Nursing*
B.S. in Nurs., Arizona State University, 1964
- Richard Stephen Katz, *Accounting*
B.B.A., University of Georgia, 1968
- Albert F. Klann, *Engineering*
B.S., California State Polytechnic College, 1970
- Steven Paul Kovach, *Agriculture*
B.A., Purdue University, 1971
Thesis: Varietal Differences Associated with Salt Tolerance within the Tomato Plant, Lycopersicum Esculentum
- Chin-Hoa Jan Kwan, *Economics*
B.A.E., National Taiwan University, 1971
- Susan Elaine Lail, *Home Economics*
B.S., Arizona State University, 1973
- Charles Dean Lausten, *Geology*
B.A., Lafayette College, 1971
Thesis: Gravity Methods Applied to the Geology and Hydrology of Paradise Valley, Maricopa County, Arizona
- David Walter Lawrence, *Speech Pathology*
B.S., Arizona State University, 1972
Thesis: Maximum and Static Acoustic Compliance Measurements as a Function of Age and Sex in a Normal Hearing Test Sample
- Gail Norma Liberty, *Nursing*
B.S.N., University of Pennsylvania, 1968
- John Albert Livingston, *Physics*
B.S., Arizona State University, 1969
- Henry William Luedy, *Zoology*
B.A., West Liberty State College, 1967
- Ruth G. MacCallum, *Nursing*
B.S.N., University of British Columbia, 1968
- Britt L. Marlowe, *Zoology*
B.S., Arizona State University, 1972
Thesis: The Effect of Sulphur Dioxide on Acid-Base and Blood-Gas Regulation in the Rabbit
- Linda Sue Martimick, *Home Economics*
B.A. in Ed., Arizona State University, 1971
- John Jay Mattick, *Engineering*
B.A., Carthage College, 1969
M.S., Arizona State University, 1974
- Ronald Robert Mau, *Technology*
B.S., Arizona State University, 1973
- Orlando Watson McBride, *Technology*
B.A. in Ed., Arizona State University, 1971
- Arthur Lee Meeks, *Engineering*
B.A., Arizona State University, 1968
- Forest Wayne Morrisett, *Zoology*
B.A. in Ed., Arizona State University, 1971
Thesis: Comparative Ultrastructure of Sperm in Three Families of Anura (Amphibia)
- Judy B. Mortenson, *Home Economics*
B.A., Colorado State University, 1972
- David P. Mottorn, *Engineering*
B.S.Ed., Clarion State College, 1961
- Francis L. Mulcahey Jr., *Engineering*
B.S.E., University of Rhode Island, 1961
- Laurel Jeanne Munzer, *Home Economics*
B.A. in Ed., Arizona State University, 1970
- Sinan M. Muradoglu, *Engineering*
B.S., University of Wisconsin, 1967
- John Richard Myers, *Agriculture*
B.S., Arizona State University, 1971
Thesis: Feeding Livestock From the Hydroponic Garden
- Barbara Ellen Nelan, *Physical Education*
B.A., Paterson State College, 1971
- Janice Nelson, *Nursing*
B.S., St. Joseph College, 1968
- Jacqueline Lee Nienhaus, *Nursing*
B.S.N., University of Minnesota, 1972
- Michael John Noble, *Zoology*
B.A., University of California, 1963
M.A., San Fernando Valley State College, 1966
- Gary R. Norwick, *Accounting*
B.A., Dominican College, 1971
- Richard Anthony Nudo, *Zoology*
B.S., Arizona State University, 1968
- James Bernard Ohrn, *Accounting*
B.A., Grove City College, 1972
- Huynh Long Phuoc, *Physics*
B.S., University of Saigon, 1969
- Clifton Washington Pope Jr., *Geology*
B.A., Catawba College, 1970
Thesis: Geology of the Lower Verde River Valley, Maricopa County, Arizona

Arthur William Purnell, *Physics*

B.S., Syracuse University, 1970

Lawrence Alfred Ramsey Jr., *Agriculture*

B.S.A., University of Tennessee, 1964

M.B.A., Arizona State University, 1972

Thesis: The American Farmer's Inequitable Position from 1950 Through 1970

Helen Marr Rasmussen, *Home Economics*

B.S.H.E., University of Nevada, 1972

LaVor Whetten Reed, *Agriculture*

B.A., Arizona State University, 1967

Thesis: History and Assessment of the Land Tenure Systems of Mexico

Raymond Royce Ross II, *Engineering*

B.S., Florida A & M University, 1962

Joseph James Sandor, *Zoology*

B.A., Indiana University, 1972

Lawrence Earnest Scheer, *Engineering*

B.S., Arizona State University, 1968

Mary Drabinski Schmitz, *Nursing*

B.S., Mt. St. Mary's College, 1970

Robert Arthur Schoen, *Technology*

B.S., Arizona State University, 1955

William H. Shafer Jr., *Engineering*

B.S., Arizona State University, 1962

Marlene C. Shiple, *Engineering*

B.S., Arizona State University, 1971

John Nicholas Smith, *Agriculture*

B.S., Arizona State University, 1965

Thesis: Nutritive Value of Tomato Vine Silage as Roughage for Goats

Wilbur Aaron Spaul, *Engineering*

B.S., Wake Forest University, 1971

Alex Joseph Szecsödy, *Engineering*

B.M.E., Clarkson College of Technology, 1952

James Lawrence Tierney, *Engineering*

B.A., Eastern Washington State College, 1961

Karren S. Vantzelfde, *Engineering*

B.S., Arizona State University, 1972

Frank Varela Jr., *Engineering*

B.S.S., University of Texas at El Paso, 1969

Daniel Hoy Vice, *Geology*

B.S., Oregon State University, 1967

Thesis: The Geology and Petrography of the Babocomari Ranch Area, Santa Cruz-Cochise Counties, Arizona

Josette Leona Vintila, *Speech Pathology*

B.S., Arizona State University, 1971

Marva Jo Volk, *Microbiology*

B.S., University of Florida, 1968

Thesis: Localization of Isocitrate Lyase and Malate Synthase in Polyacrylamide Gels

Marlene S. Vosgier, *Home Economics*

B.A. in Ed., Arizona State University, 1969

John W. Wadas, *Physical Education*

B.A., California State College at Long Beach, 1971

Tommy Charles Waddoups, *Technology*

B.S., University of Idaho, 1957

Patricia M. Waeschle, *Engineering*

B.S.A., Purdue University, 1963

Alan F. Walters, *Agriculture*

B.S.A., Ohio State University, 1970

Thesis: Effects of Two New Plant Growth Regulators on Rates of CO₂ Exchange in Cotton Seedlings

Jerold Monroe Ward, *Economics*

B.S., Arizona State University, 1969

James Michael Watson, *Engineering*

B.S., United States Military Academy, 1965

Mary Ellen Watson, *Nursing*

B.S. in Nurs., Arizona State University, 1972

Cristina A. Weiner, *Home Economics*

B.A. in Ed., Arizona State University, 1968

James Richard Weiss, *Engineering*

B.S., Arizona State University, 1969

Sarah Jane Williams, *Home Economics*

B.S., Oklahoma State University of Agriculture and Applied Science, 1940

Charles Ware Wood Jr., *Botany*

B.A., University of California, 1969

Thesis: Impact of Effluents from a Copper Smelter at Superior, Arizona, on Surrounding Vegetation

George Brent Wynn, *Engineering*

B.S., Utah State University, 1965

Elinor Zind, *Speech Pathology*

B.S.J., Ohio State University, 1947

MASTER OF ARTS IN EDUCATION

Degrees Conferred September 14, 1973

Wilson Gordon Abney, *Counseling and Student Personnel*

B.A., University of Western Ontario, 1951

Dale Gordon Abrams, *Special Education*

B.A. in Ed., Arizona State University, 1970

Jo Ann Aguirre, *Elementary Education*

B.S.Ed., Northern Arizona University, 1970

Bonnie Marie Andersen, *Elementary Education*

B.A. in Ed., Arizona State University, 1968

Patricia Elaine Anderson, *Secondary Business Education*

B.S.Ed., Northern Arizona University, 1969

Susan T. Angulo, *Elementary Education*

B.A. in Ed., Arizona State University, 1969

Freddie L. Anttila, *Secondary Reading Education*

B.A. in Ed., Arizona State University, 1971

Diane V. Arias, *Elementary Education*

B.S., Grand Canyon College, 1969

Anna Laurene Arnett, *Secondary English Education*

B.A. in Ed., Arizona State University, 1970

Norma G. Shatley Babo, *Counseling and Student Personnel*

B.A. in Ed., Arizona State University, 1972

Barbara Jane Bailey, *Special Education*

B.A.Ed., University of Missouri at Kansas City, 1966

Jean Alys Bailey, *Elementary Education*

B.A., Whitman College, 1951

Klonda Marlene Bowers Ball, *Counseling and Student Personnel*

B.A. in Ed., Arizona State University, 1955

Bradley Kent Barrett, *Community Education*

B.S., Brigham Young University, 1969

Christine Ryan Batt, *Special Education*

B.A., Nazareth College of Rochester, 1966

William G. Baxter, *Secondary Business Education*

B.B.A., University of Pittsburgh, 1958

- Patricia Jean Utley Bell, *Secondary Home Economics Education*
B.S.Ed., University of Missouri, 1958
- Judith Sarah Bender, *Special Education*
B.A. in Ed., Arizona State University, 1971
- Betty Jo Benton, *Elementary Education*
B.A. in Ed., Arizona State University, 1970
- John Gifford Beveridge III, *Educational Psychology*
B.A., Arizona State University, 1970
- Barbara Jean Bilbrey, *Secondary Business Education*
B.A. in Ed., Arizona State University, 1970
- Mary S. Bishop, *Secondary English Education*
B.A. in Ed., Arizona State University, 1969
- Kathryn Joan Blake, *Special Education*
B.A. in Ed., Arizona State University, 1972
- Norma Jean Bogart, *Elementary Education*
B.S.Ed., Ft. Hays Kansas State College, 1953
- Patricia LaVerne Boruch, *Secondary Business Education*
B.S., Pennsylvania State University, 1962
- Andrea Nathele Bowers, *Elementary Education*
B.S., Brigham Young University, 1967
- Lynard Lee Bowers, *Secondary Education*
B.A. in Ed., Arizona State University, 1966
- Sheryl Lee Branch, *Special Education*
B.A. in Ed., Arizona State University, 1969
- Suzanne Y. Brayer, *Secondary Education*
B.A. in Ed., Arizona State University, 1966
- Pat Futrell Brock, *Secondary Business Education*
B.A., Arizona State University, 1970
- John Edward Brown, *Driver and Safety Education*
B.A. in Ed., Arizona State University, 1970
- Kathryn E. Brown, *Elementary Education*
B.A. in Ed., Arizona State University, 1969
- Mark Navarre Brown, *Secondary Industrial Education*
B.A. in Ed., Arizona State University, 1972
- Susan Lynn Bryant, *Elementary Education*
B.S.Ed., Northern Arizona University, 1970
- Robert I. Burg, *Elementary Education*
B.S., Arizona State University, 1967
- Janet Lucille Burkett, *Special Education*
B.A. in Ed., Arizona State University, 1970
- Larry Charles Burkett, *Secondary Biological Sciences Education*
B.A. in Ed., Arizona State University, 1972
- Mary Ellen Boone Butler, *Secondary Education*
B.A., Morgan State College, 1963
- Melba Ruth Callender, *Special Education*
B.S.Ed., Southern Oregon College, 1959
- Merced M. Campos, *Counseling and Student Personnel*
B.A. in Ed., Arizona State University, 1970
- Mona J. Carrico, *Counseling Student Personnel*
B.F.A., Texas Christian University, 1966
- Ward S. Ceyler Jr., *Secondary Business Education*
B.S.B.A., University of Arizona, 1961
B.A.Ed., University of Arizona, 1966
- Cornelia Ann Cheves, *Special Education*
B.A. in Ed., Arizona State University, 1970
- Jeanette Louise Cline, *Elementary Education*
B.A. in Ed., Arizona State University, 1969
- John D. Coburn, *Counseling and Student Personnel*
B.A. in Ed., Arizona State University, 1971
- Carolyn E. Comey, *Elementary Education*
B.S., Iowa State College, 1957
- Beryl Lorraine Coppock, *Special Education*
B.S., Hampton Institute, 1970
- Teresa Luevano Covarrubias, *Counseling and Student Personnel*
B.A. in Ed., Arizona State University, 1966
- Thomas Michael Covington, *Secondary Education*
B.A. in Ed., Arizona State University, 1970
- Benita C. Cowger, *Secondary Health and Physical Education*
B.A., College of Idaho, 1961
- Odalee Glenda Craighead, *Secondary Education*
B.A.Ed., Southwestern State College, 1964
- Marie L. Crews, *Secondary Business Education*
B.A. in Ed., Arizona State University, 1971
- Camille Cuadra, *Elementary Education*
B.A., Marillac College, 1967
- Helen K. Davidson, *Elementary Education*
B.A. in Ed., Arizona State University, 1971
- Clarence Joseph Davis, *Counseling and Student Personnel*
B.A., New Mexico Highlands University, 1952
- David Reed Davis, *Secondary Education*
B.S.P., Purdue University, 1966
- Linda Lee Davis, *Special Education*
B.A. in Ed., Arizona State University, 1969
- Elaine Louise Dawson, *Secondary Health and Physical Education*
B.A. in Ed., Arizona State University, 1969
- Jerry Duane Dawson, *Secondary Health and Physical Education*
B.S.Ed., Southwest Missouri State College, 1966
- Ronald R. Dawson, *Special Education*
B.A., Morningside College, 1963
- Thomas C. Dean, *Counseling and Student Personnel*
B.S., Grand Canyon College, 1959
- Arlene Cecelia Dicknite, *Special Education*
B.A. in Ed., Arizona State University, 1971
- Patricia Lee Dillon, *Library Science*
B.S.Ed., University of Missouri, 1957
M.A., University of Northern Colorado, 1971
- Robert Boyce Doran, *Elementary Education*
B.A. in Ed., Arizona State University, 1970
- Edgar J. Drish Jr., *Counseling and Student Personnel*
B.S., University of Pittsburgh, 1952
- Fredrick Wall Duran Jr., *Community Education*
B.A. in Ed., Arizona State University, 1970
- Deberah Faith Durringer, *Special Education*
B.S., University of Southern California, 1970
- Carolyn A. Eklund, *Secondary Education*
B.S.S., Minot State College, 1972
- Susan Marie Elton, *Elementary Education*
B.S.Ed., Henderson State College, 1970
- Marlene Marie Engel, *Special Education*
B.S.Ed., Concordia Teachers College, 1964
- Gwendolyn R. Cassabaum Enke, *Elementary Education*
B.A. in Ed., Arizona State University, 1962
- Diane Escalante, *Secondary Reading Education*
B.A., Arizona State University, 1966
- Sheila Marie Exstrom, *Adult Education*
B.S.N., University of Nebraska at Omaha, 1968
- Joan Grewe Farina, *Counseling and Student Personnel*
B.S.Ed., University of Dayton, 1966
- Patricia Marie Fedock, *Elementary Education*
B.A. in Ed., Arizona State University, 1970
- Maureen Jeanne Felcyn, *Elementary Education*
B.A. in Ed., Arizona State University, 1970
- Marie Teresa Ferguson, *Elementary Education*
B.A., Queens College, 1942
- Judith Ellen Figor, *Secondary English Education*
B.A., Lawrence College, 1965
- Olive Vivian Fletcher, *Elementary Education*
B.A. in Ed., Arizona State University, 1950

- Hulda M. Flores, *Elementary Education*
B.M.E., University of Kansas, 1959
- Dorothy Jeanne Forgue, *Special Education*
B.A., Trenton State College, 1968
- Linda Sue Fox, *Special Education*
B.A. in Ed., Arizona State University, 1973
- Carol Jean Frasier, *Elementary Education*
B.S.Ed., Eastern Illinois University, 1969
- Susan Ellen Frey, *Secondary Speech Communication Education*
B.A. in Ed., Arizona State University, 1970
- Kathleen H. Fuller, *Counseling and Student Personnel*
B.A. in Ed., Arizona State University, 1969
- Doris J. Garant, *Elementary Education*
B.S., New Haven State Teachers College, 1955
- Edward P. Garcia, *Special Education*
B.A. in Ed., Arizona State University, 1967
- Martha Louise Garcia, *Elementary Education*
B.A., Marillac College, 1964
- Eleanor Eileen Garrett, *Adult Education*
B.S., Mount Allison University, 1943
- Ernest T. Gibbons, *Elementary Education*
B.S., Arizona State University, 1952
- Randy A. Gill, *Indian Education*
B.A. in Ed., Arizona State University, 1970
- Elaine Marie Gillam, *Special Education*
B.A. in Ed., Arizona State University, 1969
- Cheryl Lynn Glabman, *Secondary Education*
B.A., University of Illinois, 1969
- Patricia Cowan Glenn, *Secondary Education*
B.A., University of Florida, 1966
- Barbara Goldberg, *Secondary Education*
B.A.Ed., University of Arizona, 1971
- Deborah Ruth Golub, *Indian Education*
B.A., Syracuse University, 1969
M.S.Ed., Syracuse University, 1970
- John Gonzalez, *Counseling and Student Personnel*
B.A. in Ed., Arizona State University, 1970
- Ruthann K. Grace, *Secondary Business Education*
B.S.B.A., University of Arizona, 1965
- Kathryn Vee Graham, *Special Education*
B.A. in Ed., Arizona State University, 1972
- Kathryn C. Graves, *Secondary Distributive Education*
B.A., Eastern New Mexico University, 1959
- Christopher Mark Gray, *Counseling and Student Personnel*
B.A. in Ed., Arizona State University, 1970
- Diana L. Greensweig, *Secondary Education*
B.A.Ed., University of Arizona, 1970
- David Henry Griffin, *Secondary Industrial Education*
B.A. in Ed., Arizona State University, 1969
- Nancy Grootveld, *Secondary Education*
B.A., University of Northern Iowa, 1971
- Suzanne Lynn Groves, *Special Education*
B.A., Azusa Pacific College, 1971
- Donald Allen Hadd, *Educational Technology*
B.A., University of Texas, 1970
- Kenneth G. Haddad, *Driver and Safety Education*
B.A., State University of Iowa, 1959
- Vincent Joseph Haddad, *Counseling and Student Personnel*
B.A. in Ed., Arizona State University, 1970
- Donald I. Hahnenkratt, *Elementary Education*
B.S.Ed., Northern Arizona University, 1968
- John Phillip Haire, *Secondary Education*
B.A., Arizona State University, 1970
- William Dudley Hall, *Elementary Education*
B.A. in Ed., Arizona State University, 1971
- Jean L. Hanahan, *Secondary Education*
B.A., Mount Union College, 1944
- Sheryl Elizabeth Hanley, *Secondary Education*
B.A. in Ed., Arizona State University, 1969
- Jacqueline Jule Harbin, *Secondary Education*
B.S.Ed., University of Illinois, 1951
- Martha Susan Hardgrove, *Secondary Education*
B.A., Elmira College, 1968
- Daisy Irene Harrison, *Elementary Education*
B.A. in Ed., Arizona State University, 1968
- Thomas George Hartman, *Secondary Education*
B.S.Ed., Bowling Green State University, 1970
- Melinda Hopkins Hauret, *Special Education*
B.A., Arizona State University, 1970
- Gerald Michael Heck, *Secondary Health and Physical Education*
B.S., St. Edward's University, 1968
- Louvenia Ruth Henderson, *Indian Education*
B.S.Ed., Utah State University, 1968
- Robert Wendell Henderson, *Counseling and Student Personnel*
B.A., Huston-Tillotson College, 1952
- Ardyce L. Henriksen, *Secondary English Education*
B.A., Hamline University, 1958
- Mary Katherine Atwell Herbert, *Counseling and Student Personnel*
B.A. in Ed., Arizona State University, 1968
- Frances Elizabeth Herrick, *Counseling and Student Personnel*
B.A. in Ed., Arizona State University, 1969
- Ronald William Herrick, *Secondary Business Education*
B.S., Arizona State University, 1966
- Barbara L. Hewett, *Special Education*
B.A. in Ed., Arizona State University, 1970
- John Aubrey Hickman, *Secondary Biological Sciences Education*
B.S., Arizona State University, 1966
- Barbara Mae Hardin Hockenbury, *Elementary Education*
B.S., Eastern Kentucky State College, 1967
- Mary Jo Holtz, *Secondary Business Education*
B.A. in Ed., Arizona State University, 1970
- Starr Maureen Homko, *Special Education*
B.A. in Ed., Arizona State University, 1972
- Sylvia Dianne Houy, *Elementary Education*
B.A., Wittenberg University, 1971
- Barbara Anne Huffman, *Secondary Education*
B.A., Michigan State University, 1966
- Keith M. Huggins, *Secondary Social Studies Education (History)*
B.A., Whittier College, 1961
- Allan Michael Hutchins, *Secondary Education*
B.A. in Ed., Arizona State University, 1970
- Eva M. Imhof, *Elementary Education*
B.S.Ed., State University College, 1969
- F. Glenn Jacobs, *Elementary Education*
B.A., Arizona State University, 1963
- Bonnie McDonald Janzen, *Educational Psychology*
B.A. in Ed., Arizona State University, 1972
- Nancy Jean Jennings, *Elementary Education*
B.A., University of Pennsylvania, 1966
- Ardythe Johnson, *Special Education*
B.S., Grand Canyon College, 1970
- David Paul Johnson, *Special Education*
B.A. in Ed., Arizona State University, 1972
- Jay Merlyn Johnson, *Elementary Education*
B.A., Arizona State University, 1967

- Kenneth R. Johnson, *Secondary Education*
B.A., Arizona State University, 1967
- Marilyn Sellberg Johnson, *Elementary Education*
B.A. in Ed., Arizona State University, 1969
- Ray Wesley Johnston, *Secondary Business Education*
B.S., Arizona State University, 1968
- Christine Manila Jones, *Elementary Education*
B.A. in Ed., Arizona State University, 1971
- Susan Donna Kane, *Special Education*
B.A., University of Wisconsin, 1969
- Norma Jane Kastre, *Elementary Education*
B.A. in Ed., Arizona State University, 1969
- Thelma R. Keith, *Special Education*
B.S., Grand Canyon College, 1970
- Sharen Atwell Kellogg, *Special Education*
B.S., Arizona State University, 1971
- Suzanne Louise Kent, *Elementary Education*
B.A., Avila College, 1963
- Janet Frey Knudsen, *Secondary Reading Education*
B.A., Arizona State University, 1969
- Donald Otto Kurrle, *Driver and Safety Education*
B.A. in Ed., Arizona State University, 1972
- Mary Alice Lacey, *Library Science*
B.S., B.A., East Carolina College, 1966
- Charlotte Anne Lalliss, *Elementary Education*
B.S., Brigham Young University, 1965
- Sarah Lee Lange, *Elementary Education*
B.A. in Ed., Arizona State University, 1970
- Larry R. Langford, *Driver and Safety Education*
B.A. in Ed., Arizona State University, 1968
- Marjorie Louise Lauder, *Special Education*
B.A.Ed., Central Washington State College, 1965
- Jean Kitchin Lawton, *Counseling and Student Personnel*
B.A. in Ed., Arizona State University, 1956
M.A. in Ed., Arizona State University, 1964
- Janis Marcella Leach, *Adult Education*
B.S. in Nurs., Arizona State University, 1968
- Merry Weidner Leigh, *Secondary English Education*
B.A. in Ed., Arizona State University, 1968
- Christopher F. Lewis, *Counseling and Student Personnel*
B.A. in Ed., Arizona State University, 1970
- Mamie Westbrooks Lewis, *Elementary Education*
B.S., Albany State College, 1954
- Lorraine Lee Lindstrom, *Elementary Education*
B.S., University of Minnesota, 1968
- Michael Todd Lipman, *Secondary Mathematics Education*
B.Ed., University of Miami, 1970
- Curtis Lee Little, *Elementary Education*
B.S., Grand Canyon College, 1970
- Marlys Ann Livermore, *Special Education*
B.S., University of Minnesota, 1961
- Jo Ann Henderson Lobrovich, *Elementary Education*
B.A. in Ed., Arizona State University, 1970
- Alanna Jo Loken, *Secondary Physical Education*
B.S.Ed., University of Michigan, 1971
- Judith Ann Loken, *Elementary Education*
B.S., Concordia College, 1964
- Gayle Renée Luginbühl, *Counseling and Student Personnel*
B.A.Ed., University of Arizona, 1967
- Allen Bradley Lund, *Counseling and Student Personnel*
B.A. in Ed., Arizona State University, 1969
- Cherie Louise Manns, *Special Education*
B.A. in Ed., Arizona State University, 1970
- Byrle Kathryn Marich, *Secondary Social Studies Education (History)*
B.S., Arizona State University, 1968
- Norine Adele Mathern, *Secondary Education*
B.S.Ed., University of North Dakota, 1968
- Joyce Bowen Maughan, *Counseling and Student Personnel*
B.S., University of Idaho, 1958
- Marilyn Moreland Maxson, *Elementary Education*
B.A., Lake Erie College, 1968
- Virginia Irene McCormick, *Elementary Education*
B.A., Western Michigan University, 1968
- Cheri M. McCracken, *Elementary Education*
B.A., Mary Washington College, University of Virginia, 1969
- Sharon Geraldine McDonald, *Counseling and Student Personnel*
B.A. in Ed., Arizona State University, 1965
- Nora McElhone, *Library Science*
B.S.Ed., Western Connecticut State College, 1971
- Marleen D. McFadden, *Special Education*
B.A., Boston University, 1971
- Colleen Phyllis McGuire, *Elementary Education*
B.A. in Ed., Arizona State University, 1971
- Sharon Jean McKee, *Counseling and Student Personnel*
B.A.Ed., University of Arizona, 1971
- Charles Ray McLaughlin, *Secondary Industrial Education*
B.S., Arizona State University, 1961
- Barbara Lyding McLoone, *Elementary Education*
B.A. in Ed., Arizona State University, 1968
- Elaine Carol McPeak, *Elementary Education*
B.S.Ed., Slippery Rock State College, 1962
- Faith Carol McPeck, *Secondary Health and Physical Education*
B.A. in Ed., Arizona State University, 1969
- Jerry Wayne McSweeney, *Elementary Education*
B.A. in Ed., Arizona State University, 1968
- Robert Arnold Melnick, *Audio-Visual Education*
B.A., Dartmouth College, 1972
- Mary Louise Merkel, *Secondary Education*
B.A. in Ed., Arizona State University, 1968
- Lorena Lee Merrell, *Elementary Education*
B.A. in Ed., Arizona State University, 1969
- Scott Lee Meyers, *Elementary Education*
B.A. in Ed., Arizona State University, 1969
- Jeffrey L. Mikles, *Counseling and Student Personnel*
B.S., Michigan State University, 1970
- Arneida Miller, *Secondary Business Education*
B.A. in Ed., Arizona State University, 1968
- Eva Ruth Miller, *Educational Psychology*
B.A. in Ed., Arizona State University, 1969
Thesis: Validation and Standardization of a Behavioral Rating Scale for Use as a Quick Screening Device with Geriatric Patients in a Mental Hospital
- Janice Frances Miller, *Secondary Education*
B.A.Ed., University of Arizona, 1970
- John Larry Miller, *Special Education*
B.A. in Ed., Arizona State University, 1967
- Wanda Elmyra Mitchell, *Elementary Education*
B.A. in Ed., Arizona State University, 1970
- Margaret Marche Mizer, *Adult Education*
B.A. in Ed., Arizona State University, 1971
- Verene Christine Monaco, *Counseling and Student Personnel*
B.A.Ed., University of Arizona, 1960
- Pamela Montesanto, *Special Education*
B.A. in Ed., Arizona State University, 1972

- Barbara Ann Moon, *Elementary Education*
B.A. in Ed., Arizona State University, 1969
- Gary B. Moorman, *Secondary Education*
B.A., Arizona State University, 1969
- John Wiley Morgan Jr., *Community Education*
B.A., Arizona State University, 1973
- Joyce Marjorie Mulholland, *Secondary Health and Physical Education*
B.S., Fairleigh Dickinson College, 1955
- Yolanda S. Mulis, *Counseling and Student Personnel*
B.A. in Ed., Arizona State University, 1969
- Joyce R. Murphy, *Elementary Education*
B.A. in Ed., Arizona State University, 1970
- M. Arnold Murphy, *Audio-Visual Education*
B.S.Ed., Indiana University, 1952
- Paul Herbert Myhre, *Secondary Mathematics Education*
B.S., Moorhead State College, 1966
- Nancy Taylor Nay, *Elementary Education*
B.S.Ed., Indiana University, 1968
- Donna Louise Hardt Nicholson, *Elementary Education*
B.Ed., Wisconsin State University, 1967
- Alan Theodore Nielson, *Counseling and Student Personnel*
B.S., Brigham Young University, 1965
- Marba Lines Nielson, *Elementary Education*
B.A.Ed., University of Arizona, 1947
- Betty L. Northey, *Counseling and Student Personnel*
B.A. in Ed., Arizona State University, 1967
- Diana Carol Harris O'Connor, *Elementary Education*
B.S.Ed., Northern Arizona University, 1969
- Marilyn H. Odenkirk, *Elementary Education*
B.A. in Ed., Arizona State University, 1969
- Judith Elaine Ogorek, *Elementary Education*
B.A., Arizona State University, 1972
- Michael John O'Keefe, *Special Education*
B.A. in Ed., Arizona State University, 1971
- John Bradley Osborn, *Counseling and Student Personnel*
B.A. in Ed., Arizona State University, 1970
- Paul Edward Painter, *Secondary Industrial Education*
B.A. in Ed., Arizona State University, 1970
- Beverly Joyce Pampel, *Elementary Education*
B.S.Ed., Northern Arizona University, 1971
- Roger Charles Parker, *Educational Technology*
B.A., California State University, 1969
- John D. Pauley, *Secondary Reading Education*
B.A. in Ed., Arizona State University, 1971
- Coy C. Payne, *Elementary Education*
B.A. in Ed., Arizona State University, 1959
- Lois Elaine Payne, *Secondary Business Education*
B.A. in Ed., Arizona State University, 1968
- Linda Jean Peluso, *Counseling and Student Personnel*
B.A., Mercyhurst College, 1970
- Diane Lyn Perkins, *Secondary Education*
B.A. in Ed., Arizona State University, 1969
- Levi Pesata, *Indian Education*
B.A. in Ed., Arizona State University, 1971
- Nancy Inez Petersen, *Elementary Education*
B.A., California Western University, 1963
- Gladys Marie Pettid, *Counseling and Student Personnel*
B.A., University of Northern Iowa, 1954
- Brenda Joyce Pierce, *Elementary Education*
B.S.Ed., Northern Arizona University, 1969
- Robert A. Piña, *Elementary Education*
B.A. in Ed., Arizona State University, 1970
- William Warren Porter, *Secondary Social Studies Education (History)*
B.A. in Ed., Arizona State University, 1965
- Kay Ann Price, *Secondary Reading Education*
B.A. in Ed., Arizona State University, 1972
- Ann Chase Priestley, *Elementary Education*
B.A.Ed., University of Arizona, 1969
- Gordon William Pust, *Elementary Education*
B.S., Grand Canyon College, 1968
- Jerome Rabinkoff, *Counseling and Student Personnel*
B.A., Arizona Bible College, 1971
- Deidra Jan Rambo, *Special Education*
B.A. in Ed., Arizona State University, 1969
- Mildred Aileen Randel, *Educational Psychology*
B.A. in Ed., Arizona State University, 1956
- Patricia Ann Reddy, *Elementary Education*
B.S.E., Saint John College of Cleveland, 1968
- Judith De Land Reece, *Special Education*
B.S., Western Kentucky University, 1966
- Charles I. Reed, *Counseling and Student Personnel*
B.S., Wiley College, 1966
- Linnea Sue Reid, *Elementary Education*
B.A. in Ed., Arizona State University, 1971
- Sherrie Lynn Reiling, *Special Education*
B.A. in Ed., Arizona State University, 1972
- Jean Lorraine Reynolds, *Educational Psychology*
B.A., Arizona State University, 1970
- Wayne Robert Rice, *Driver and Safety Education*
B.A. in Ed., Arizona State University, 1969
- Geraldine Dickinson Ring, *Special Education*
B.A., Temple Buell College, 1971
- Peter Douglas Robinson, *Secondary Education*
B.S.A., Guelph, Ontario, Canada, 1962
B.P.E., McMaster University, 1966
- Deborah Duncan Rockwell, *Elementary Education*
B.S., University of Wisconsin, 1958
- Kathryn F. Romley, *Secondary Education*
B.A. in Ed., Arizona State University, 1968
- Priscilla J. Ronan, *Special Education*
B.A. in Ed., Arizona State University, 1971
- Steven Laurance Rosenberg, *Counseling and Student Personnel*
B.S., Arizona State University, 1972
- Barbara Joan Roskell, *Library Science*
B.S.E.Ed., College Misericordia, 1962
- Ann K. Roth, *Adult Education*
B.S., Arizona State University, 1972
- Michael Wayne Rubinoff, *Secondary Social Studies Education (History)*
B.A. in Ed., Arizona State University, 1972
- Kenneth M. Rudisill Jr., *Secondary Education*
B.A., Arizona State University, 1970
- Kay Ann Ruth, *Secondary Education*
B.A. in Ed., Arizona State University, 1969
- Nancy Jo Saurman, *Secondary Mathematics Education*
B.S.Ed., West Chester State College, 1966
- Elna Ane Sbragia, *Elementary Education*
B.S.Ed., Wartburg College, 1965
- Herald C. Schade, *Secondary Business Education*
B.S., Arizona State University, 1966
- Caroline A. Schauburger, *Elementary Education*
B.S.Ed., Eastern Illinois State College, 1963
- Brenda Ann Selleck, *Special Education*
B.S.Ed., Millersville State College, 1969
- Keith D. Sellers, *Elementary Education*
B.A. in Ed., Arizona State University, 1970
- Sherry Lee Seymour, *Special Education*
B.S., University of Utah, 1969

- James David Shafer, *Elementary Education*
B.A. in Ed., Arizona State University, 1971
- Frances K. Shannon, *Elementary Education*
B.A. in Ed., Arizona State University, 1967
- Joan Abrahams Share, *Elementary Education*
B.S., C.W. Post College of Long Island University, 1971
- Mark Steven Share, *Elementary Education*
B.A., C.W. Post College of Long Island University, 1968
- Deanna Shcolnik, *Secondary Education*
B.A. in Ed., Arizona State University, 1971
- June Ann Shupert, *Elementary Education*
B.S., Wisconsin State College, 1955
- Jeanne Bourbon Siebenman, *Secondary Reading Education*
B.A. in Ed., Arizona State University, 1969
- Waleda Norine Siken, *Elementary Education*
B.A. in Ed., Arizona State University, 1952
- Shirley Rae Simpson, *Elementary Education*
B.A. in Ed., Arizona State University, 1971
- Joe-Ann W. Sims, *Secondary Business Education*
B.S., Eastern Kentucky State Teachers College, 1963
- Leo Siqueiros Jr., *Elementary Education*
B.A., Arizona State University, 1958
- Judith Ann Skinner, *Elementary Education*
B.S.Ed., University of Kansas, 1965
- Frederic W. Skoglund, *Secondary Health and Physical Education*
B.S.Ed., Valley City State College, 1967
- Jarusha Slavik, *Elementary Education*
B.A. in Ed., Arizona State University, 1970
- Barbara Rejebian Smith, *Secondary English Education*
B.A. in Ed., Arizona State University, 1969
- Dennis Paul Smith, *Special Education*
B.A. in Ed., Arizona State University, 1971
- Ruth A. Socket, *Secondary Education*
B.A. in Ed., Arizona State University, 1972
- Chester Soo Hoo, *Counseling and Student Personnel*
B.A. in Ed., Arizona State University, 1971
M.A. in Ed., Arizona State University, 1972
- Carrie May Soriano, *Secondary Health and Physical Education*
B.A. in Ed., Arizona State University, 1968
- Lark Elaine Sowers, *Special Education*
B.A., Rockford College, 1972
- Anthony Michael Spallone, *Counseling and Student Personnel*
B.S.Ed., State University College of Education, 1964
- Paul William Spoor, *Indian Education*
B.A., University of Northern Colorado, 1970
- Elizabeth Ann Sproul, *Special Education*
B.A., Drake University, 1954
- Michael Gold Steiner, *Secondary Mathematics Education*
B.A., University of California, 1961
- William Harold Steiner, *Driver and Safety Education*
B.S.Ed., California State College, 1962
- Carla Jean Steinforth, *Elementary Education*
B.S.Ed., University of Colorado, 1968
- Karen E. Peterson Stone, *Counseling and Student Personnel*
B.A. in Ed., Arizona State University, 1970
- Sandra Jane Stone, *Elementary Education*
B.A. in Ed., Arizona State University, 1968
- Linda Tarkenton, *Elementary Education*
B.S.Ed., Texas Technological College, 1968
- Claire J. Tarte, *Special Education*
B.S.Ed., Medaille College, 1969
- Susan Louise Taylor, *Elementary Education*
B.A. in Ed., Arizona State University, 1968
- Sherman Arthur Tenney, *Indian Education*
B.A., Glenville State College, 1951
- Phillip Allan Tingle, *Secondary Education*
B.S.B.A.E., Georgetown College, 1968
- Andrea Beth Towne, *Special Education*
B.A. in Ed., Arizona State University, 1971
- Larry Tsosie, *Elementary Education*
B.A., Fort Lewis College, 1969
- Bruce David Turner, *Elementary Education*
B.S.Ed., State University College, 1965
- Mary Lucille Urban, *Special Education*
B.A. in Ed., Arizona State University, 1970
- Eleanore M. Cleven Von-Haden, *Special Education*
B.S., Wisconsin State University, 1969
- Dean Lawrence Wait, *Counseling and Student Personnel*
B.S., Illinois Wesleyan University, 1968
- Annette M. Wallace, *Elementary Education*
B.A. in Ed., Arizona State University, 1966
- Lorraine A. Wallmueller, *Elementary Education*
B.A., Westminster College, 1956
- Jacqueline Irene Waters, *Secondary Education*
B.A., Michigan State University, 1961
- Joyce Angelus Weathers, *Counseling and Student Personnel*
B.A. in Ed., Arizona State University, 1969
- Judi Boyd Wharton, *Elementary Education*
B.A. in Ed., Arizona State University, 1964
- Winifred Joan Winkler, *Elementary Education*
B.A., Michigan State University, 1954
- Mary Louise Wohlford, *Adult Education*
B.S. in Nurs., Arizona State University, 1969
- Joyce Virginia Wood, *Secondary Education*
B.S., University of Southern Mississippi, 1963
M.A., Western Michigan University, 1970
- Doris Ellen Woods, *Counseling and Student Personnel*
B.A. in Ed., Arizona State University, 1966
- Alice Jeanne Woodward, *Secondary Reading Education*
B.A., Arizona State University, 1972
- Pearlene Wright, *Counseling and Student Personnel*
B.A. in Ed., Arizona State University, 1969
- William Frank Wright, *Driver and Safety Education*
B.A. in Ed., Arizona State University, 1967
- Cynthia W. Yoshitomi, *Community Education*
B.S., Arizona State University, 1972
- Elton Louise Young, *Special Education*
B.A. in Ed., Arizona State University, 1942
- Jack B. Young, *Secondary Industrial Education*
B.A. in Ed., Arizona State University, 1972
- Alice Kay Younker, *Elementary Education*
B.A., Arizona State University, 1969
- June Cherie Zeidler, *Counseling and Student Personnel*
B.A., University of Arizona, 1970
- Georgia V. Zenor, *Elementary Education*
B.S., Oklahoma Baptist University, 1950

MASTER OF ARTS IN EDUCATION

Degrees Conferred January 16, 1974

Albin Edward Ahlquist, *Secondary Social Studies Education (History)*

B.A. in Ed., Arizona State University, 1964

Clarence E. Anderson, *Community Education*

B.A. in Ed., Arizona State University, 1972

Pamela Ann Mapes Anderson, *Elementary Education*

B.A. in Ed., Arizona State University, 1969

Carmelita Marie Anson, *Secondary Reading Education*

B.S., Illinois State Normal University, 1965

Harriett Jane Ash, *Elementary Education*

B.A., West Virginia University, 1953

Crispina M. Avila, *Secondary Reading Education*

B.A. in Ed., Arizona State University, 1972

Muriel June Duin Bebeau, *Elementary Education*

B.S.Ed., Concordia Teachers College, 1960

Hope Marion Blakely, *Counseling and Student Personnel*

B.S.Ed., Northern Arizona University, 1964

John Daniel Blankenship, *Secondary Health and Physical Education*

B.Ed., Seattle University, 1960

Margaret Jane Bowman, *Adult Education*

B.S.N., Northwestern University, 1960

Donnis Ann Cramblit Boyse, *Secondary Reading Education*

B.A., Morningside College, 1966

Edith Ellen Brackney, *Secondary Business Education*

B.A. in Ed., Arizona State University, 1968

Michael B. Brantley, *Special Education*

B.A. in Ed., Arizona State University, 1972

Marilyn Ann Burns, *Elementary Education*

B.A. in Ed., Arizona State University, 1971

Marylou Carpenter, *Elementary Education*

B.A. in Ed., Arizona State University, 1970

David Castricone, *Counseling and Student Personnel*

B.A., University of South Florida, 1970

Steven Edward Chambers, *Community Education*

B.A. in Ed., Arizona State University, 1970

Mary Ellen Chayka, *Elementary Education*

B.S.Ed., University of Wisconsin, 1968

Lois Nadyne Clouse, *Counseling and Student Personnel*

B.A., University of Redlands, 1954

M.A. in Ed., Arizona State University, 1962

Marilyn Louise Coffinger, *Counseling and Student Personnel*

B.A. in Ed., Arizona State University, 1961

Beverly R. Copeland, *Special Education*

B.A.Ed., University of Guam, 1970

Sylvia Crook, *Counseling and Student Personnel*

B.A. in Ed., Arizona State University, 1968

Linda Lee Cruze, *Special Education*

B.A. in Ed., Arizona State University, 1969

Lois E. Cullipher, *Elementary Education*

B.A. in Ed., Arizona State University, 1971

Norman David Epstein, *Secondary Education*

B.S., Arizona State University, 1971

Raymond C. Etcitty Sr., *Elementary Education*

B.S., Northern Arizona University, 1969

Richard David Felding, *Special Education*

B.A. in Ed., Arizona State University, 1972

Marilyn Louise Mayer Firth, *Counseling and Student Personnel*

B.A., San Diego State College, 1962

John Curtis Gauthier, *Secondary Education*

B.A., Catholic University of America, 1963

B.T., University of Ottawa, 1967

Marvin Golub, *Community Education*

B.A. in Ed., Arizona State University, 1959

Shirley Ann Greear, *Elementary Education*

B.A. in Ed., Arizona State University, 1969

Ronald E. Greene, *Elementary Education*

B.S.Ed., State University College at Buffalo, 1964

Twila Lua Griffith, *Library Science*

B.A. in Ed., Arizona State University, 1968

Patricia A. Grimes, *Special Education*

B.A., Clarke College, 1968

Virginia Lee Guy, *Elementary Education*

B.A. in Ed., Arizona State University, 1969

MaryAnn Hall, *Special Education*

B.A. in Ed., Arizona State University, 1970

Monica M. Halstead, *Elementary Education*

B.S., Southern Connecticut State College, 1973

Jan Ellen Haney, *Special Education*

B.A. in Ed., Arizona State University, 1972

Hugh White Harman, *Counseling and Student Personnel*

B.A., Texas Western College, 1957

Gerald Francis Hashem, *Secondary Education*

B.A. in Ed., Arizona State University, 1971

Lynette Misae Helmstetler, *Elementary Education*

B.S.E.Ed., Oregon College of Education, 1971

John Dean Higgins, *Secondary Business Education*

B.A. in Ed., Arizona State University, 1967

Sally Marie Hineman, *Counseling and Student Personnel*

B.A.Ed., University of Arizona, 1969

Luella M. Hoover, *Elementary Education*

B.A. in Ed., Arizona State University, 1971

Vincent M. Howard, *Elementary Education*

B.A. in Ed., Arizona State University, 1972

Ann Teufel Hunt, *Elementary Education*

B.A. in Ed., Arizona State University, 1972

Linda Lee Johnson, *Secondary Education*

B.A., Michigan State University, 1967

Sheila Pearl Johnson, *Secondary Education*

B.A. in Ed., Arizona State University, 1969

Madeline Estella Jolley, *Elementary Education*

B.S.Ed., Edinboro State College, 1968

Stephen J. Kapash Jr., *Secondary Education*

B.A. in Ed., Arizona State University, 1970

Marjorie Ann Kaplan, *Elementary Education*

B.A., Smith College, 1962

Carol Anne Kidwell, *Secondary Health Science Education*

B.S., Arizona State University, 1970

Allie Littlejohn King, *Elementary Education*

B.A. in Ed., Arizona State University, 1969

Albert Herman Knox, *Secondary Business Education*

B.A. in Ed., Arizona State University, 1959

B.S., Arizona State University, 1966

Donna Rae Lundeen, *Elementary Education*

B.S., Augustana College, 1965

- Margaret B. Mackie, *Educational Psychology*
B.A., Earlham College, 1963
- Rita Angela McBride, *Historical, Social, and Philosophical Foundations of Education*
B.A. in Ed., Arizona State University, 1969
Thesis: A Comparative Content Analysis of Certain Articles To Determine Role Expectations for Learners and Educators
- Linda Kay McHenry, *Counseling and Student Personnel*
B.A. in Ed., Arizona State University, 1969
- Barbara Joyce McIntyre, *Elementary Education*
B.A. in Ed., Arizona State University, 1969
- Connie Dewbre McNatt, *Secondary Education*
B.S.Ed., Southwest Texas State College, 1968
- Keith Wood McSpadden, *Community Education*
B.S., Arizona State University, 1958
- Marilyn Gail Mead, *Elementary Education*
B.A. in Ed., Arizona State University, 1969
- Georgina Hanton Mitchell, *Special Education*
B.A. in Ed., Arizona State University, 1973
- Anthony R. Morice, *Community Education*
B.A., Saint Francis College, 1960
- Susan Carol Muir, *Elementary Education*
B.A. in Ed., Arizona State University, 1968
- Margaret A. Mullane, *Secondary Education*
B.S.Ed., Kansas State Teachers College, 1969
- Sandra Nahorski, *Special Education*
B.S.Ed., University of Oklahoma, 1969
- James Luther Nipper, *Driver and Safety Education*
B.A. in Ed., Arizona State University, 1972
- Lucinda Gay Pannel, *Special Education*
B.A., Azusa Pacific College, 1971
- Ralph Jay Pomeroy, *Elementary Education*
B.S.A., University of Arizona, 1961
- Carol Rahnenfuhrer, *Special Education*
B.A. in Ed., Arizona State University, 1973
- Marie June Ripley, *Counseling and Student Personnel*
B.S., B.A., University of Minnesota, 1967
- William Cooper Robert, *Historical, Social, and Philosophical Foundations of Education*
B.A., Princeton University, 1969
Thesis: Mysticism and Education: A Preliminary Consideration
- Reed P. Robinson, *Secondary Industrial Education*
B.S., Southern Utah State College, 1969
- Mary Lee Robison, *Elementary Education*
B.A. in Ed., Arizona State University, 1972
- Nan Mary Rodgers, *Counseling and Student Personnel*
B.A., Fontbeane College, 1968
- Junne Ellen Seela, *Counseling and Student Personnel*
B.A. in Ed., Arizona State University, 1971
- Stephen Henry Shank, *Secondary Education*
B.A. in Ed., Arizona State University, 1969
- Barbara Jane Shill, *Elementary Education*
B.A., Arizona State University, 1968
- Robert E. Sill, *Secondary Education*
B.S., Arizona State University, 1966
- Joseph R. Simek, *Secondary Social Studies Education (History)*
B.A. in Ed., Arizona State University, 1965
- Paul Mark Simmons, *Elementary Education*
B.S., Grand Canyon College, 1964
- Fern T. Spears, *Elementary Education*
B.A. in Ed., Arizona State University, 1950
- Carol Ann Stamm, *Secondary Health and Physical Education*
B.A. in Ed., Arizona State University, 1969
- Kathleen S. Stehr, *Elementary Education*
B.A. in Ed., Arizona State University, 1971
- Robert J. Swartz, *Secondary Education*
B.G.Ed., Municipal University of Omaha (Omaha University), 1965
- Barbara Grace Tenpas, *Educational Technology*
B.S., Grove City College, 1972
Thesis: Practice and Incentive in a Self-Instructional Program
- John Edwin Thompson, *Secondary Industrial Education*
B.A. in Ed., Arizona State University, 1970
- Anita Louise Todd, *Elementary Education*
B.S.H.E., University of Arkansas, 1958
- Sharon Laraine Toland, *Elementary Education*
B.A. in Ed., Arizona State University, 1969
- Erlinda Torres, *Counseling and Student Personnel*
B.A. in Ed., Arizona State University, 1972
- Annette Marie Wanka, *Elementary Education*
B.S., University of Illinois, 1965
- John Timothy Waters, *Community Education*
B.A., University of Denver, 1970
- Varlyn Ellis Watson, *Elementary Education*
B.A. in Ed., Arizona State University, 1972
- Iva H. Webb, *Adult Education*
B.A. in Ed., Arizona State University, 1971
- Ella Louise Weinheimer, *Elementary Education*
B.S., Edinboro State College, 1970
- Brenda Sue Witham, *Elementary Education*
B.A. in Ed., Arizona State University, 1970
- Michael Ray Young, *Educational Psychology*
B.S., Arizona State University, 1969
Thesis: Differential Use of Reinforcement and Punishment: Its Effect on the Discrimination Learning of Reversals

Candidates for the Degree of

MASTER OF ARTS IN EDUCATION

To Be Conferred on May 17, 1974

Subject to Completion of Requirements

- Stephen H. Acheson, *Elementary Education*
B.A. in Ed., Arizona State University, 1972
- Donald Ross Adler, *Secondary Health and Physical Education*
B.A. in Ed., Arizona State University, 1968
- Linda Darlene Ambrose, *Secondary Education*
B.A. in Ed., Arizona State University, 1967
- Richard M. Anderson, *Adult Education*
B.A., Arizona State University, 1971
- Viola O'Haco Anderson, *Special Education*
B.A.Ed., University of Arizona, 1946
- Cheryl Arlene Chance Anguiano, *Elementary Education*
B.S.Ed., Valparaiso University, 1968

- Gary B. Austin, *Special Education*
B.A. in Ed., Arizona State University
- John David Auten, *Secondary Industrial Education*
B.A. in Ed., Arizona State University, 1969
- Eloise Claire Babcock, *Elementary Education*
B.A. in Ed., Arizona State University, 1969
- Stephen W. Band, *Secondary Social Studies Education (History)*
B.A. in Ed., Arizona State University, 1971
- Sylvia G. Barkin, *Secondary English Education*
B.A., Arizona State University, 1965
- Linda Patricia Beals, *Elementary Education*
B.A., California State University, 1965
- Ronald Raymond Beliveau, *Audio-Visual Education*
B.A., Clark University, 1972
- Naomi B. Ben-Asa, *Secondary Reading Education*
B.A. in Ed., Arizona State University, 1973
- Robert Charles N. Bernier, *Secondary Reading Education*
B.S., University of Wisconsin, 1967
- Simone Louise Bibeau, *Special Education*
B.A. in Ed., Arizona State University, 1972
- Thomas Keith Birmingham, *Secondary English Education*
B.A. in Ed., Arizona State University, 1970
- Beverly M. Black, *Elementary Education*
B.A. in Ed., Arizona State University, 1969
- Rex Theodore Blake, *Secondary Health and Physical Education*
B.S.Ed., Kansas State Teachers College, 1970
- Marsha Jean Bouck, *Special Education*
B.A.Ed., University of Arizona, 1968
- Barbara Joan Boyce, *Special Education*
B.A. in Ed., Arizona State University, 1972
- Lois Kjersti Rykken Bretag, *Adult Education*
B.A.N., University of New Mexico, 1962
- Marleen Barbara Brown, *Elementary Education*
B.A. in Ed., Arizona State University, 1968
- Zetta Satterwhite Browning, *Special Education*
B.S., Utah State University, 1972
- Florence Catherine Brusceci, *Secondary Business Education (Business)*
B.S.B.Ed., Bryant College of Business Administration, 1953
- Elsa Annette Burgholzer, *Elementary Education*
B.S., State University College of Education, 1964
- Cynthia Ann Burnett, *Elementary Education*
B.A. in Ed., Arizona State University, 1971
- Pamela June Caldwell, *Secondary English Education*
B.A. in Ed., Arizona State University, 1969
- Paula Mae Cantrell, *Elementary Education*
B.A. in Ed., Arizona State University, 1971
- Agustin Cuellar Cardona Jr., *Counseling and Student Personnel*
B.A., Arizona State University, 1970
- Joanne W. Carnahan, *Elementary Education*
B.S.Ed., State College of Arkansas, 1967
- Brian Christofferson, *Secondary Social Studies Education (History)*
B.A., Brigham Young University, 1967
- Beth Y. Clemans, *Elementary Education*
B.A., Stanford University, 1955
- Geraldine Marie Clifford, *Elementary Education*
B.S.Ed., Wayne State University, 1957
- William Earle Coleman, *Secondary Business Education (Business)*
B.A. in Ed., Arizona State University, 1971
- Lauriston Francis Cone, *Educational Technology*
B.A., University of Vermont, 1964
- Marilyn Ann Cooper, *Special Education*
B.A. in Ed., Arizona State University, 1970
- Vicki Lee Cooper, *Elementary Education*
B.S.Ed., Northern Arizona University, 1968
- Edna Lamoreaux Cotter, *Special Education*
B.A. in Ed., Arizona State University, 1972
- John Daniel Coughlin, *Special Education*
B.A. in Ed., Arizona State University, 1973
- Edward Eugene Crawford, *Secondary Education*
B.S., Manchester College, 1959
- Lewis Alan Crossland, *Secondary Education*
B.A., Colorado State University, 1968
- Ruth Jean Cushman, *Library Science*
B.S., Central Connecticut State College, 1965
- Colleen Mae Williams Dalton, *Elementary Education*
B.S., University of Colorado, 1968
- Terrence R. Dalton, *Elementary Education*
B.A. in Ed., Arizona State University, 1967
- Clotilda Wudyka Danelowitz, *Secondary English Education*
B.A. in Ed., Arizona State University, 1970
- Chester Lane Daniel, *Elementary Education*
B.S., Grand Canyon College, 1966
- Susan Carroll Davis, *Counseling and Student Personnel*
B.S., Oregon State University, 1965
- Katherine Marie Day, *Adult Education*
B.S. in Nurs., Arizona State University, 1972
- Valentine DelVecchio Jr., *Educational Technology*
B.A., Citadel, 1969
M.L., University of South Carolina, 1973
- Joan Elizabeth Dewar, *Elementary Education*
B.A. in Ed., Arizona State University, 1970
- Richard Clark Dickson, *Secondary Education*
B.S.Ed., Northern Arizona University, 1969
- Donald Allen Diller, *Elementary Education*
B.A. in Ed., Arizona State University, 1967
- Richard Lee Dilworth, *Special Education*
B.A. in Ed., Arizona State University, 1971
- Patricia Anne Dirschberger, *Adult Education*
B.S., State University College at Oswego, 1971
- Mary Cree Dodson, *Special Education*
B.A.Ed., University of Arizona, 1969
- Susan J. Donnelly, *Counseling and Student Personnel*
B.A. in Ed., Arizona State University, 1968
- Andre J. Doyon, *Audio-Visual Education*
B.A. in Ed., Arizona State University, 1966
- Barbara Lee Dubbins, *Elementary Education*
B.A. in Ed., Arizona State University, 1970
- Carolyn Moores Dunn, *Elementary Education*
B.A.Ed., University of Arizona, 1958
- Patricia Laura Dunn, *Secondary Health and Physical Education*
B.A. in Ed., Arizona State University, 1968
- June Annette Flora, *Educational Psychology*
B.A., Bridgewater College, 1971
Thesis: The Effects of Three Methods of Treating Errors on the Acquisition of a Letter Discrimination
- Daniel Frietze Flores, *Secondary Education*
B.A., Arizona State University, 1969
- Wesley T. Flynn, *Secondary Health and Physical Education*
B.S.Ed., University of Arizona, 1965
- Mary Vyn Fox, *Counseling and Student Personnel*
B.A., University of Michigan, 1968
- Roberta Louise Fox, *Educational Psychology*
B.A., University of Wichita, 1966
- Terry L. Frederick, *Special Education*
B.S.Ed., University of Texas at El Paso, 1968
- Alice Morales Garcia, *Special Education*
B.A. in Ed., Arizona State University, 1973

- Linda Kaye Gaston, *Elementary Education*
B.A. in Ed., Arizona State University, 1969
- Lloyd Earl Gedlaman, *Secondary Industrial Education*
B.S., Brigham Young University, 1967
- Carolyn Keeler Gentry, *Counseling and Student Personnel*
B.A., University of California, 1969
- Ernestine B. Gilbert, *Special Education*
B.A., Minot State College, 1967
- Karen Louise Glessner, *Secondary English Education*
B.A. in Ed., Arizona State University, 1970
- Annmarie O. Goddard, *Elementary Education*
B.A. in Ed., Arizona State University, 1972
- Joan A. Golden, *Elementary Education*
B.A. in Ed., Arizona State University, 1971
- Barbara Parker Gould, *Counseling and Student Personnel*
B.A. in Ed., Arizona State University, 1968
- Kenneth Lee Graves, *Elementary Education*
B.A. in Ed., Arizona State University, 1972
- Mary Helen Gray, *Special Education*
B.A., St. Louis University, 1972
- Delmar V. Green, *Secondary Education*
B.S., Black Hills State College, 1965
- Frederick Theodore Green III, *Secondary Education*
B.S.Ed., Edinboro State College, 1959
- Elizabeth Anne Guerra, *Special Education*
B.A., California State College at Los Angeles, 1963
- Christine D. Gutierrez, *Secondary Education*
B.A. in Ed., Arizona State University, 1971
- Gertrude Harriet Hackett, *Special Education*
B.A. in Ed., Arizona State University, 1972
- Darlene Ann Hall, *Elementary Education*
B.A. in Ed., Arizona State University, 1971
- Michael LaDue Hall, *Educational Technology*
B.A., Westminster College, 1971
- Paul Joseph Hanley, *Secondary Education*
B.A. in Ed., Arizona State University, 1969
- Gregory L. Happe, *Secondary Health and Physical Education*
B.A. in Ed., Arizona State University, 1970
- Dorothy Jan Harelson, *Elementary Education*
B.A.Ed., University of Arizona, 1959
- Patricia Catherine Harman, *Elementary Education*
B.A., Arizona State University, 1965
- Janice Ann Hauf, *Elementary Education*
B.S.Ed., University of South Dakota, 1965
- Donald David Hawley, *Educational Psychology*
B.G.Ed., University of Nebraska, 1969
- Anthony Bruce Helm, *Counseling and Student Personnel*
B.S.Ed., Northern Arizona University, 1970
- Caroline Elizabeth Helm, *Secondary English Education*
B.A., Arizona State University, 1967
- Elisabeth K. Helm, *Counseling and Student Personnel*
B.S.Ed., Northern Arizona University, 1970
- Susan B. Hibler, *Elementary Education*
B.A. in Ed., Arizona State University, 1971
- Claudia Jean Hinson, *Elementary Education*
B.A. in Ed., Arizona State University, 1971
- Mary Jean Hoffman, *Secondary Education*
B.A. in Ed., Arizona State University, 1967
- Diana Lynn Holmes, *Secondary Education*
B.A. in Ed., Arizona State University, 1968
- John Adrian Hood, *Secondary Mathematics Education*
B.S., Grand Canyon College, 1968
- Kevin Marie Hooton, *Elementary Education*
B.A., Florida State University, 1968
- David Charles Housel, *Elementary Education*
B.A. in Ed., Arizona State University, 1970
- Anne Elizabeth Verhey Hudak, *Counseling and Student Personnel*
B.A.Ed., University of Michigan, 1961
- Christopher E. Hudson, *Secondary Education*
B.A. in Ed., Arizona State University, 1966
- Wilson J. Humber, *Educational Psychology*
B.A., Southern Methodist University, 1967
- Mary Phyllis Hummer, *Special Education*
B.A. in Ed., Arizona State University, 1971
- Judith A. Huskison, *Special Education*
B.S.Ed., Northern Arizona University, 1966
- Arthur Hutchinson, *Secondary Health and Physical Education*
B.A. in Ed., Arizona State University, 1971
- Gary Weston Irvine, *Secondary Education*
B.A. in Ed., Arizona State University, 1972
- Joyeline Kaye Isley, *Secondary Home Economics Education*
B.A. in Ed., Arizona State University, 1959
- Ann Yvonne Jackson, *Special Education*
B.A. in Ed., Arizona State University, 1973
- Diane Patricia Jackson, *Secondary Social Studies Education (History)*
B.A.Ed., University of Arizona, 1969
- Susan Rae Jacobs, *Secondary Education*
B.S.Ed., Northern Arizona University, 1970
- Susan Lynn Jacobson, *Special Education*
B.A., American University, 1969
- Minnie Wyonia James, *Special Education*
B.A. in Ed., Arizona State University, 1972
- Lauren Lovett Jardine, *Secondary Education*
B.A., Barnard College, Columbia University, 1967
- Joyce Marie Jensen, *Counseling and Student Personnel*
B.A. in Ed., Arizona State University, 1969
- Maria Graciela Jimenez, *Elementary Education*
B.A. in Ed., Arizona State University, 1969
- Harriet Janet Johnson, *Elementary Education*
B.A., University of Texas at El Paso, 1953
- Shelley Ariel Johnson, *Counseling and Student Personnel*
B.A. in Ed., Arizona State University, 1971
- Robert Lloyd Johnston, *Secondary Industrial Education*
B.S., Wisconsin State University, 1966
- Sandra Kay Jolly, *Elementary Education*
B.A. in Ed., Arizona State University, 1971
- Pinna Lee Joseph, *Special Education*
B.A., Rutgers University, 1971
- Dennis James Justus, *Counseling and Student Personnel*
B.A. in Ed., Arizona State University, 1969
- Susan Carol Kaminskis, *Special Education*
B.A. in Ed., Arizona State University, 1968
- Robert Bruce Katz, *Special Education*
B.S., University of Bridgeport, 1969
- Lovenia Anne Killinen, *Secondary English Education*
B.A. in Ed., Arizona State University, 1969
- Jesse E. Kimm, *Secondary Social Studies Education (Political Science)*
B.S.P.S.A., Washington State University, 1959
- Marsha Manning Kleinz, *Elementary Education*
B.A. in Ed., Arizona State University, 1969
- Pamela Jean Kohnken, *Secondary Business Education (Business)*
B.S.B.A., University of Denver, 1965
- Jon Longfellow Kraps, *Secondary Education*
B.S.Ed., Northern Arizona University, 1968

- Wee Phun Krieger, *Secondary Reading Education*
B.A., University of Malaya, 1965
Diploma in Ed., University of Malaya, 1966
- Leo J. Kuhn, *Indian Education*
B.A. in Ed., Arizona State University, 1974
- Kathryn Patricia Kunath, *Secondary Business Education (Business)*
B.S.Ed., University of Arizona, 1968
- Edith Florence Kupitz, *Special Education*
B.A. in Ed., Arizona State University, 1969
- David Robert Kutch, *Secondary Social Studies Education (History)*
B.S., Juniata College, 1963
- Loretto André Lacoste, *Adult Education*
B.S.N.Ed., DePaul University, 1951
- Victor Leroy LaCourse, *Community Education*
B.A.B., Central Washington State College, 1962
- Margaret Sonntag Lang, *Elementary Education*
B.A. in Ed., Arizona State University, 1969
- Robert Harris Larson, *Community Education*
B.S., Arizona State University, 1968
- Steven Joseph Leavitt, *Driver and Safety Education*
B.A. in Ed., Arizona State University, 1968
- Roxanne M. Lingol, *Secondary Business Education (Business)*
B.S., Arizona State University, 1960
- Priscilla Andriette Lisicich, *Community Education*
B.A., University of Puget Sound, 1969
- Mary N. J. Lopez, *Secondary Business Education (Business)*
B.A. in Ed., Arizona State University, 1971
- Joan McNamara Lowry, *Special Education*
B.A., Michigan State University, 1951
- Philip Ronald Lunn, *Counseling and Student Personnel*
B.A.Ed., University of Akron, 1960
- Harry Victor Mackay, *Special Education*
B.A. in Ed., Arizona State University, 1960
M.Ed., University of Texas at El Paso, 1972
- Martin Mara, *Secondary Social Studies Education (History)*
B.A. in Ed., Arizona State University, 1962
- Timothy Donald Martin, *Secondary Education*
B.A. in Ed., Arizona State University, 1971
- Tommy Martin, *Elementary Education*
B.S., Arizona State University, 1954
B.A. in Ed., Arizona State University, 1973
- Shirley Mae Martindale, *Elementary Education*
B.S.T., Bethel College, 1957
- Richard Orrin Mauran, *Elementary Education*
B.A. in Ed., Arizona State University, 1969
- Ruby Hutchinson Mayfield, *Counseling and Student Personnel*
B.A. in Ed., Arizona State University, 1970
- Sandra Box McCarthy, *Elementary Education*
B.A. in Ed., Arizona State University, 1968
- Patrick William McClellan, *Secondary Social Studies Education (History)*
B.A. in Ed., Arizona State University, 1971
- Jill McDonald, *Elementary Education*
B.A. in Ed., Arizona State University, 1971
- Joyce Kathryn Mech, *Indian Education*
B.S.Ed., University of Oklahoma, 1957
- Albert Mendez Jr., *Elementary Education*
B.A. in Ed., Arizona State University, 1971
- Janice T. Merkel, *Elementary Education*
B.A. in Ed., Arizona State University, 1968
- Robert Francis Merlene, *Counseling and Student Personnel*
B.S.Ed., Kent State University, 1966
- Brian Lee Metheny, *Secondary Health and Physical Education*
B.S., University of Idaho, 1970
- Cheryl J. Millar, *Elementary Education*
B.S.Ed., Eastern Illinois University, 1967
- Dorothy Gail Miller, *Elementary Education*
B.A., Arizona State University, 1971
- Kristyne Patryn Milne, *Elementary Education*
B.A. in Ed., Arizona State University, 1971
- Rosalind Pequette Minnifield, *Elementary Education*
B.S.Ed., South Carolina State College, 1949
- Florence Mitchell, *Secondary Reading Education*
B.S., Arizona State University, 1971
- Mart E. Mitchell, *Secondary Mathematics Education*
B.S.Ed., Northern Illinois University, 1951
- Ralva J. Mitchell, *Special Education*
B.A. in Ed., Arizona State University, 1963
- Louise Mary Monseur, *Secondary Reading Education*
B.A., Arizona State University, 1970
- Kathleen Sue Moorman, *Elementary Education*
B.A. in Ed., Arizona State University, 1969
- Diane Louise Morey, *Special Education*
B.A., Arizona State University, 1963
M.A., Arizona State University, 1968
- Sharon H. Morrison, *Secondary Education*
B.S., Grand Canyon College, 1970
- Linda C. Mowahed-Ardbillie, *Secondary Education*
B.A. in Ed., Arizona State University, 1970
- David Alan Muehlbauer, *Secondary Business Education (Distributive)*
B.S.Ed., University of Arizona, 1971
- Georgia Diane Nafziger, *Counseling and Student Personnel*
B.S., Colorado State University, 1969
- Burrell Robert Neal, *Special Education*
B.A. in Ed., Arizona State University
- Jacqueline Nelson, *Educational Psychology*
B.A. in Ed., Arizona State University, 1968
- Linda Linnea Nelson, *Elementary Education*
B.A.Ed., University of Arizona, 1966
- Eugene Anthony Nelssen, *Secondary Art Education*
B.F.A., Arizona State University, 1973
- Roslyn Marie Nials, *Secondary Education*
B.A. in Ed., Arizona State University, 1971
- Chrysanthe Stamatis Niedner, *Counseling and Student Personnel*
B.A., Arizona State University, 1970
- Edward Anthony Nierengarten Jr., *Secondary Mathematics Education*
B.A.E., University of Minnesota, 1962
- Irene Wendell Olsen, *Adult Education*
B.A. in Ed., Arizona State University, 1962
- Mildred Orlando, *Elementary Education*
B.S.H.E., University of Missouri, 1948
- Rex L. Orme, *Secondary English Education*
B.A. in Ed., Arizona State University, 1968
- Melvin Daniel Owens, *Elementary Education*
B.S., Grand Canyon College, 1968
- Eugenia Parabutsky, *Elementary Education*
B.A. in Ed., Arizona State University, 1969
- Sharon Ann Pearce, *Adult Education*
B.S., Carroll College, 1963
- Peggy Pedersen, *Elementary Education*
B.A., Fresno State College, 1969
- Chris Scott Peebles, *Educational Technology*
B.S., Arizona State University, 1969
- Robert Franklin Pennington, *Secondary Industrial Education*
B.S.Ed., Ball State University, 1951
M.A. in Ed., Arizona State University, 1971

- Loretta Smith Peoples, *Counseling and Student Personnel*
B.A., Tougaloo College, 1968
- Willie L. Percy, *Counseling and Student Personnel*
B.S., Northern Arizona University, 1969
M.A. Northern Arizona University, 1970
- Jane Peterson, *Counseling and Student Personnel*
B.A., Parsons College, 1970
- Ellen Patricia Poe, *Elementary Education*
B.S., Florida Atlantic University, 1969
- Lagatha M. Powers, *Counseling and Student Personnel*
B.A. in Ed., Arizona State University, 1965
M.A. in Ed., Arizona State University, 1969
- Virginia Stella Purzycki, *Adult Education*
B.A. in Ed., Arizona State University, 1973
- Francis Homer Quist, *Secondary Social Studies Education (History)*
B.G.S., University of Omaha, 1968
- Kathleen Carol Ralph, *Elementary Education*
B.S.H.E., Washington State University, 1970
- Cendie Maurie Joy Randolph, *Secondary Business Education (Business)*
B.S., Lane College, 1972
- Constance Rasmussen, *Elementary Education*
B.S.Ed., University of Nebraska, 1966
- James M. Rawlinson, *Indian Education*
B.S., Mississippi State University, 1964
- Lynn E. Ray, *Counseling and Student Personnel*
B.S., University of Colorado, 1968
M.A., University of Colorado, 1972
- Diane Lynne Pruitt Reed, *Elementary Education*
B.A., University of the Pacific, 1960
- Lucille Janiece Reed, *Library Science*
B.A. in Ed., Arizona State University, 1971
- Letitia Dale Rentfrow, *Secondary Health and Physical Education*
B.A., San Diego State College, 1970
- Ann Marie Jarrett Reynolds, *Elementary Education*
B.A. in Ed., Arizona State University, 1969
- Joyce May Ridge, *Special Education*
B.A. in Ed., Arizona State University, 1972
- Linda Marie Roddy, *Elementary Education*
B.A. in Ed., Arizona State University, 1969
- Fred Keys Rogers, *Counseling and Student Personnel*
B.A. in Ed., Arizona State University, 1971
- Jeanette Louise Rogers, *Elementary Education*
B.A. in Ed., Arizona State University, 1955
- Gerald August Rohs, *Secondary Education*
B.A., B.Ed., University of Ottawa, 1955
- Audrey Jean Ross, *Elementary Education*
B.A. in Ed., Arizona State University, 1969
- Allen L. Rothman, *Driver and Safety Education*
B.S., State University of New York at Albany, 1971
- Maria B. Rudder, *Adult Education*
B.S. in Nurs., Arizona State University, 1970
- Mary Lou Rudloff, *Secondary Social Studies Education (History)*
B.S.Ed., Northern Arizona University, 1970
- Sharlee A. Ruff, *Special Education*
B.A., University of Redlands, 1956
- Alan Saunders, *Secondary Health and Physical Education*
B.A. in Ed., Arizona State University, 1971
- Estelle Katherine Savage, *Elementary Education*
B.A. in Ed., Arizona State University, 1970
- Lawrence James Sbragia, *Special Education*
B.S., Rocky Mountain College, 1971
- Donald W. Schaeffer, *Secondary Education*
B.A. in Ed., Arizona State University, 1967
- Mary Rose Emile Schafer, *Elementary Education*
B.A. in Ed., Arizona State University, 1971
- Charles Alan Schindler Sr., *Elementary Education*
B.A. in Ed., Arizona State University, 1970
- Holger S. Schultz, *Community Education*
B.S., Dana College, 1965
- Joseph Karl Seethaler, *Educational Technology*
B.A., Brigham Young University, 1966
- Sammie Smith Shaffer, *Elementary Education*
B.A. in Ed., Arizona State University, 1966
- Laura M. Shane, *Special Education*
B.A. in Ed., Arizona State University, 1956
- Marilyn Armen Shekerjian, *Elementary Education*
B.A. in Ed., Arizona State University, 1970
- Sheila Kay Sheldon, *Secondary Education*
B.A., Arizona State University, 1965
- Jean M. Sheridan, *Secondary Journalism Education*
B.A., Indiana University, 1947
- Salle A. Sherrod, *Secondary English Education*
B.A. in Ed., Arizona State University, 1967
- Marguerite Theresa Shoemaker, *Secondary Social Studies Education (History)*
B.S.Ed., Millersville State College, 1960
- Harold Lewis Smith, *Secondary Education*
B.A.B.A., University of Puget Sound, 1961
- James F. Smith, *Special Education*
B.A. in Ed., Arizona State University, 1971
- Karla Ann Smith, *Educational Psychology*
B.S., Arizona State University, 1973
- Marquelyn L. Smith, *Secondary Reading Education*
B.A., Spelman College, 1970
- Madelyn Snyder, *Secondary Health and Physical Education*
B.S. in Nurs., Arizona State University, 1968
- Joyce D. Sobotka, *Secondary Business Education (Business)*
B.S.Ed., State Teachers College, 1963
- Sonja Ruth Spigner, *Special Education*
B.A. in Ed., Arizona State University, 1973
- Diane Spilsbury, *Elementary Education*
B.A.Ed., University of Arizona, 1968
- Dennis Richard Starkins, *Secondary Health and Physical Education*
B.A. in Ed., Arizona State University, 1971
- William Wallace Statia, *Secondary Social Studies Education (History)*
B.A. in Ed., Arizona State University, 1970
- Daniel Hardy Stephens, *Secondary Education*
B.A. in Ed., Arizona State University, 1968
- Laura Dial Stoddard, *Elementary Education*
B.A. in Ed., Arizona State University, 1971
- Bonnie Lee Stricker, *Special Education*
B.A. in Ed., Arizona State University, 1963
- Barbara Lynn Swingle, *Special Education*
B.A. in Ed., Arizona State University, 1971
- Jelean M. TabEEK, *Elementary Education*
B.A. in Ed., Arizona State University, 1968
- Robert Joseph Taber, *Counseling and Student Personnel*
B.S.Ed., Indiana University, 1962
- Susan Marie Taylor, *Special Education*
B.A. in Ed., Arizona State University, 1973
- George R. Tesner, *Educational Technology*
B.S., Eastern Michigan University, 1970
- Marsha Ann Thomas, *Elementary Education*
B.A. in Ed., Arizona State University, 1972

Fred Charles Thompson, *Counseling and Student Personnel*

B.A. in Ed., Arizona State University, 1971

Roy L. Tilford, *Special Education*

B.A. in Ed., Arizona State University, 1972

Mary Suzanne Titus, *Elementary Education*

B.A., Western State College of Colorado, 1967

Marcia Anne Tower, *Secondary Education*

B.A., University of California, 1969

JoAllan Evelyn Tsyitee, *Elementary Education*

B.S.Ed., University of New Mexico 1969

Dallas Dean Uphold, *Elementary Education*

B.A., Arizona State University, 1972

Phyllis Arlene Van Ollefen, *Secondary Reading Education*

B.A., Arizona State University, 1972

Victor Albert Vogel II, *Counseling and Student Personnel*

B.A., St. John's College, 1967

M.R.Ed., Pontifical College Josephinum, 1970

M.Div., Pontifical College Josephinum, 1971

August William Vogt Jr., *Driver and Safety Education*

B.A. in Ed., Arizona State University, 1968

Krista Johnston Walther, *Counseling and Student Personnel*

B.S., Winthrop College, 1969

Patricia Washburn, *Elementary Education*

B.A. in Ed., Arizona State University, 1970

Barbara Ann Weiler, *Elementary Education*

B.A. in Ed., Arizona State University, 1969

Iris Gershon Weiss, *Secondary Reading Education*

B.A. in Ed., Arizona State University, 1970

Paula Lorraine Whelan, *Secondary Health and Physical Education*

B.S.Ed., Northern Arizona University, 1966

Joann Lee White, *Driver and Safety Education*

B.S., University of Illinois, 1965

Dan P. Whitehead, *Counseling and Student Personnel*

B.S., Illinois State Normal University, 1963

Cynthia Elaine Whitfield, *Elementary Education*

B.A. in Ed., Arizona State University, 1970

Thesis: Our Father Who Art in History: An Adventure Through Black History

John Arthur Williams, *Counseling and Student Personnel*

B.A. in Ed., Arizona State University, 1950

Warden G. Williams, *Community Education*

B.A. in Ed., Arizona State University, 1971

Evelyn Soho Wing, *Counseling and Student Personnel*

B.A.Ed., University of Arizona, 1966

John L. Wing, *Secondary Business Education (Business)*

B.S., Arizona State University, 1960

Jane Hwen Wong, *Elementary Education*

B.A., Tamkang College of Arts and Sciences, 1962

B.A. in Ed., Arizona State University, 1972

Cheryl Naomi Yoshioka, *Counseling and Student Personnel*

B.A. in Ed., Arizona State University, 1971

Diane Kay Young, *Elementary Education*

B.A. in Ed., Arizona State University, 1968

Ronni Gae Zenlea, *Special Education*

B.S., University of Hartford, 1972

Joan Patricia Zubow, *Counseling and Student Personnel*

B.A. in Ed., Arizona State University, 1968

MASTER OF BUSINESS ADMINISTRATION

Degrees Conferred September 14, 1973

Jeffrey J. Andersen,

B.S., Arizona State University, 1972

Thomas Edward Assmus,

B.S., University of South Dakota, 1972

Karen Bass,

B.S., University of Southern Mississippi, 1967

James Ashton Brimson,

B.S., Auburn University, 1969

Robert Glasgow Burns,

B.G.Ed., Municipal University of Omaha (Omaha University), 1966

Frederick Richard Burr,

B.S., Arizona State University, 1961

Wilbur B. Canfield,

B.S., Oklahoma State University, 1948

B.S.E.E., Oklahoma State University, 1949

Howard LeRoy Chard,

B.S., Arizona State University, 1973

John Wyman Corbett,

B.S., Arizona State University, 1966

James Eggert Crane,

B.S. in Engr., Arizona State University, 1971

Anthony Gerard Drummond,

B.S., St. Benedict's College, 1972

Mark R. Edwards,

B.S., United States Naval Academy, 1970

Jeffrey David Figler,

B.A., Arizona State University, 1972

Stephen D. Fuller,

B.S., Arizona State University, 1970

Stephen Joseph Gutkowski,

B.B.A., University of Cincinnati, 1970

Nelson Funk Heisey,

B.A., Wheaton College, 1966

Joe Huerta Jr.,

B.S. in Engr., Arizona State University, 1960

Bakr Abdulsamad Khoja,

B.S.M.E., University of Washington, 1967

B.S.I.E., University of Washington, 1968

Martin Jerry Kliment,

B.S., Arizona State University, 1971

Christopher James Korsikas,

B.S.C.E., B.S.E.A., Michigan Technological University, 1971

Richard Edward Kubala,

B.S., Rochester Institute of Technology, 1966

Henry F. Kutak,

B.S., Arizona State University, 1970

David R. Larsen,

B.B.A., Kent State University, 1968

William Albert Lengyel Jr.,

B.B.A., University of Pittsburgh, 1964

Bradley G. Lillmars,

B.S., Arizona State University, 1971

Carl Scott Litten,

B.S., Purdue University, 1971

Roderick Edward McMillan,
B.A., Maryville College, 1954
Craig Lewis Miller,
B.A., Westminster College, 1971
Richard Harrison Monahan,
B.S., Arizona State University, 1972
Stephen R. Nagel,
B.S., Arizona State University, 1972
Michael S. Noble,
B.A., University of Arizona, 1972
Robert John Olson,
B.S., Arizona State University, 1972
John Francis Patterson,
B.S.B.A., University of Nebraska, 1970
Kenneth Denton Probert,
B.S.M.E., Duke University, 1952

George Hugh Rodgers,
B.A., University of North Carolina, 1951
M.R.P., University of North Carolina, 1954
Dennis Joseph Romance,
B.S., State University of New York at Buffalo, 1972
Joseph Ralph Santosuosso,
B.S., Worcester Polytechnic Institute, 1963
M.S., Worcester Polytechnic Institute, 1969
Robert A. Solheim,
B.S., Arizona State University, 1970
Michael Davis Taylor,
B.S., Arizona State University, 1972
David Lee Willis,
B.S., Arizona State University, 1971
Linda Jo Wolfe,
B.S., Western Kentucky University, 1972

MASTER OF BUSINESS ADMINISTRATION

Degrees Conferred January 16, 1974

Glen E. Anderson Jr.,
B.A., University of Iowa, 1966
Richard Mark Anderson,
B.S., Arizona State University, 1971
William A. Anderson,
B.A., San Fernando Valley State College, 1971
Paul Richard Barnett,
B.S. in Engr., Arizona State University, 1966
John Fox Batastini,
B.S.A., St. Louis University, 1966
Joseph Stephen Bergeon,
B.E., City College of New York, 1964
Terry Herschel Berner,
B.S., South Dakota State University, 1972
Georgann Vandenberg Byrd,
B.S.Ed., University of Kansas, 1954
Ronald Charles Clarke,
B.S., Michigan State University, 1959
Stephen Thomas Crum,
B.S.B., Indiana University, 1972
Lien Thai Do,
B.A.B.A., University of Washington, 1972
Jeffrey Richard Evans,
B.A., University of Wisconsin, 1971
Curtis Barton Fant,
B.S., Stanford University, 1971
William Martin Findley,
B.S.C.E., Lafayette College, 1968
M.S.C.E., Lehigh University, 1970
Robert David Frith,
B.S., Arizona State University, 1969
Cornelius William Gaynor Jr.,
B.S., Iowa State University, 1962
Jonathan Andrew Hales,
B.A., University of Utah, 1970
Michael John Hand,
B.A., San Francisco State College, 1964
John Scott Hensley,
B.S.B.A., University of Denver, 1971
John R. Jackson,
B.S.E.E., Texas Technological University, 1966
Kenneth M. Jenkins,
B.S.B.A., California State College at Long Beach, 1970

Patrick Scott Kelly,
B.B.A., University of Notre Dame, 1972
Steven Winfield Klein,
B.A., Davidson College, 1970
Robert Lawrence Kraft,
B.S., Arizona State University, 1973
Timothy C. Lawson,
B.B.A., University of Notre Dame, 1972
Ray Robert Lewis,
B.S., Arizona State University, 1963
Robert Russell Marley,
B.S., University of Western Ontario, 1963
M.S.E.E., California Institute of Technology, 1964
Kevan B. Matheson,
B.S., Weber State College, 1973
James August Morrison,
B.S.M.E., Washington State University, 1965
Larry Eugene Munn,
B.S., Kansas State College of Pittsburg, 1968
Douglas Paul Pavletich,
B.S., Virginia Polytechnic Institute, 1967
Charles Franklin Perkins Jr.,
B.E.E., Auburn University, 1964
John William Pidd,
B.S., University of Utah, 1968
Dennis J. Ratay,
B.E.E., Georgia Institute of Technology, 1969
M.S. in Engr., Arizona State University, 1971
Gary Lee Scheimer,
B.S.E., United States Air Force Academy, 1967
Janice Schaefer Scheimer,
B.S., Arizona State University, 1971
Paul E. Skoglund,
B.S.E., California Institute of Technology, 1951
James G. Thomas,
B.S., Arizona State University, 1963
James Ray Upchurch,
B.S., Arizona State University, 1969
Richard J. Varela,
B.S. in Engr., Arizona State University, 1969
Kim Winston,
B.S.B.A., University of Arizona, 1970

Candidates for the Degree of
MASTER OF BUSINESS ADMINISTRATION
To Be Conferred on May 17, 1974
Subject to Completion of Requirements

- | | |
|--|---|
| Larry Scott Bailey
B.S., Arizona State University, 1971 | Richard Ward Kitterman
B.S., Arizona State University, 1965 |
| Adrain Wayne Bradley
B.S., Arizona State University, 1966 | Darryl Lee Kladden
B.S.B., Indiana University, 1971 |
| James H. Bradley
B.A., Seattle Pacific College, 1968
B.A.B.A., University of Washington, 1973 | Avihu Knishinsky
B.A., Hebrew University of Jerusalem, 1972 |
| Rodney Ralph Brooker
B.S., Arizona State University, 1969 | Henry H. Kosman
B.S.B.A., University of Nebraska, 1971 |
| Oliver Eugene Brown
B.G.S., University of Nebraska, 1970 | William J. LaBay
B.S., Arizona State University, 1962 |
| Robert John Burnand
B.S., Arizona State University, 1973 | Joseph Frederick Ladrigan Jr.
B.B.A., University of Notre Dame, 1965 |
| Thomas Henry Callan Jr. II
B.S., South Dakota School of Mines and Technology, 1972 | Marcia Eleanor Lenard
B.A., Carlow College, 1972 |
| Stanley I. Caplan
B.S., Arizona State University, 1972 | Alfred Arden Lidberg
B.S., Arizona State University, 1961 |
| Richard Wofford Chowning
B.B.A., University of Texas, 1967 | John Charles Loeser Jr.
B.S., Arizona State University, 1973 |
| Robert John Cribbs
B.S.M.E., Iowa State University, 1961 | Ted Luevano
B.A., Arizona State University, 1972 |
| Douglas Gale Culy
B.S., Oregon State University, 1960
M.S. in Engr., Arizona State University, 1971 | Bernard Ralph Lyon
B.S., Bradley University, 1972 |
| Richard Dennis Dunseath
B.S., Arizona State University, 1969 | Ronald Andrew Madsen
B.S., University of Illinois, 1967 |
| Peter Andrew Eastman
B.S., U.S. Merchant Marine Academy, 1968 | Paul Francis Marsh
B.S., Arizona State University, 1971 |
| Daniel G. Ellis
B.A., Ohio Wesleyan University, 1972 | Russell Calhoon Mathias
B.S.Ed., Ohio State University, 1964
M.A. in Ed., Arizona State University, 1969 |
| James Allen Fuchs
B.S., University of California, 1963
M.S., University of California, 1965 | Richard Lee Painchaud
B.S., California Polytechnic State University, 1971 |
| Connie S. Guffey
B.G. Ed., University of Nebraska, 1965 | Wilfred Henry Passow
B.B.A., Western Reserve University, 1955 |
| David Richard Hall
B.A., Cornell University, 1972 | Paul Al Pedersen
B.S., Arizona State University, 1967 |
| Jeffrey Alan Hallberg
B.S., Arizona State University, 1973 | Karen Zierk Rapalas
B.A., University of Chicago, 1968 |
| Joe Spencer Hatley
B.A., University of North Carolina at Charlotte, 1973 | George Richard Scott
B.S., Alderson-Broaddus College, 1972 |
| Nancy Ann Hendricks
B.A. in Ed., Arizona State University, 1963 | Russell L. Seymour
B.A., Adams State College, 1970 |
| Gary Wayne Hickel
B.B.A., Wichita State University, 1970 | Richard J. Simmons
B.S., Arizona State University, 1970 |
| John Francis Hillins
B.A., Saint Bonaventure University, 1965 | Thomas William Smith
B.B.A., University of Toledo, 1972 |
| Michael Peter Hoffman
B.B.A., Texas A&M University, 1968 | James Allan Snitzer
B.S.A.E., University of Arizona, 1969 |
| Terry Lee Hothem
B.S., Arizona State University, 1972 | Terry Owen Spannagel
B.S., Northern Arizona University, 1968 |
| Stanley J. Kalicki
B.B.A., Temple University, 1969 | Kimball Ross Stuhlmuller
B.A., Dickinson College, 1961 |
| Michael Anthony Kamenca
B.B.A., University of Toledo, 1961 | William Glenn Sturges
B.S., Arizona State University, 1963 |
| Walter Ross Kendall
B.A., Kentucky Wesleyan College, 1972 | James Michael Vann
B.S., Arizona State University, 1971 |
| Donald Wayne Ketchum
B.A. in Ed., Arizona State University, 1950 | Robert H. Vogel
B.A., University of Arizona, 1969 |
| | David Anthony Welsh
B.S., University of Utah, 1972 |

Paul David Wiggs

B.S., Arizona State University, 1964

Richard Howard Williams

B.S., Northern Arizona University, 1971

Bruce Roy Wright

B.S.M.D.E., Montana College of Mineral Science and Technology,
1969

Robert Leon Zerga

B.S.E.E., Seattle University, 1964

MASTER OF COUNSELING

Degrees Conferred September 14, 1973

Richard Allen Bailey,

B.A., University of California, 1969

Peter Lawrence Bower,

B.A., Denison University, 1964

B.F.T., American Institute for Foreign Trade, 1967

Serena Elizabeth Boyd,

B.S., Columbia University, 1952

Betty Lou Duff,

B.A. in Ed., Arizona State University, 1963

Marie Stempien Friedlander,

B.A., Canisius College, 1970

Charlotte King Gibbs,

B.A., University of Denver, 1949

M.Ed., College of William and Mary, 1970

Scott Robert Hendrickson,

B.A., Washington State University, 1971

Barbara Ann McNeel Latimore,

B.A., Idaho State University, 1966

Barbara D. McArthur,

B.S., Arizona State University, 1969

Connie Gail Mossman,

B.A.Ed., University of Arizona, 1963

M.A. in Ed., Arizona State University, 1972

Robert George Myers,

B.C.E., Cornell University, 1950

Kenneth M. Nash,

B.A. in Ed., Arizona State University, 1967

M.A. in Ed., Arizona State University, 1969

Sydney N. Palmer,

B.S.B.A., University of Arizona, 1966

Francie C. Perelman,

B.A., Bethany College, 1970

Anne Elizabeth Trezise,

B.A., Lewis and Clark College, 1969

Norma Corrinne Vanell,

B.S., Arizona State University, 1963

Betty J. Walacavage,

B.S., Pennsylvania State College, 1948

William Arthur Young,

B.A. in Ed., Arizona State University, 1968

MASTER OF COUNSELING

Degrees Conferred January 16, 1974

Edward Clarence Hanigan,

B.A., Arizona State University, 1971

John L. Hudak Jr.,

B.A., Atheneum of Ohio, 1965

B.D., St. Vincent College, 1968

Kenneth E. Jacobsen,

B.A., Dana College, 1966

Ruth Ann Kennedy,

B.A., University of Oregon, 1968

Jane S. Marks,

B.A. in Ed., Arizona State University, 1965

M.A. in Ed., Arizona State University, 1969

Candidates for the Degree of

MASTER OF COUNSELING

To Be Conferred on May 17, 1974

Subject to Completion of Requirements

Gary Nels Alver

B.S., Arizona State University, 1967

Thomas Gene Barron

B.A., St. John's University, 1958

Amelia Nell Moore Benson

B.A., Sterling College, 1959

Warren E. Benson

B.A., Sterling College, 1960

M.A., University of Florida, 1961

Mary Louise Bloomingdale
B.A., Arizona State University, 1968

Karla Jean Brandt
B.S., Arizona State University, 1969

Charles G. Carlise
B.A., Arizona State University, 1970

Anthony E. Chavez
B.S.B.A., University of Arizona, 1963

John Michael Coles
B.S., Arizona State University, 1969

Lynn Cosgrove Crowley
B.A., Loretto Heights College, 1967
M.A. in Ed., Arizona State University, 1971

Margaret Caroline Davis
B.A., Hiram College, 1957

Phyllis Yoshie Edamatsu
B.A., University of Arizona, 1968

Alfred Howard Ells
B.S., University of Arizona, 1967

Alvaro V. Felix Jr.
B.A., Arizona State University, 1969

Jacob Flores
B.A. in Ed., Arizona State University, 1966

Judith Ann Graser
B.A., Sacramento State College, 1967
M.A., Sacramento State College, 1972

Barbara Greiff
B.A., University of Southern California, 1950

Beverly Ann Highland
B.A. in Ed., Arizona State University, 1968
M.A. in Ed., Arizona State University, 1970

Rae Storer Hoyt
B.A., Smith College, 1950

Georgianne Imberi
B.A., Mount Marty College, 1964
M.Ed., Loyola University, 1966

Carol Kacere
B.A.R., University of New Mexico, 1971

Michele Ruth Keal
B.A., University of Colorado, 1966

Mary Louise LeGrand
B.S. in Nurs., Arizona State University, 1966

Joyce Bowen Maughan
B.S., University of Idaho, 1958
M.A. in Ed., Arizona State University, 1973

Sandra L. Saxton Meeks
B.A.Ed., Wichita State University, 1964
M.A. in Ed., Arizona State University, 1969

John Conrad Merkel Jr.
B.A., Marquette University, 1963

Fredric Francis Mitchell Jr.
B.A., Arizona State University, 1971

James Paul Moeser
B.S., Wisconsin State University, 1971

Donn David Ostroth
B.A., Allegheny College, 1968

Richard Marvin Quaresma
B.A., California State College at Long Beach, 1969

John W. Sanderson
B.S., Arizona State University, 1969

Janet Louise Seitz
B.S.Ed., West Chester State College, 1950
M.A., New York University, 1958

Ronald Philip Simon
B.A., Lawrence College, 1960
M.Ed., Midwestern University, 1964

Annis Marie Skousen
B.S., Arizona State University, 1964
M.A. in Ed., Arizona State University, 1969

Bette J. Tipton
B.A. in Ed., Arizona State University, 1957

Phyllis A. White
B.S., University of Wisconsin, 1951

Kathleen Sands Williams
B.A. in Ed., Arizona State University, 1969
M.A. in Ed., Arizona State University, 1972

MASTER OF FINE ARTS

Degrees Conferred September 14, 1973

Thomas C. Belden,
B.S., Stout State University, 1968

Robert William Conine,
B.F.A., Syracuse University, 1969

Robert G. Gauvreau,
B.A., Central Washington State College, 1970

Richard Allyn Glenn,
B.F.A., Cleveland Institute of Art, 1968

Cecelia Anna Gross,
B.S.Ed., Alverno College, 1945
B.F.A., University of Nebraska at Omaha, 1969

Douglas C. Landies,
B.F.A., Cleveland Institute of Art, 1968

John D. Mercer,
B.S., Northwest Missouri State College, 1970
M.A., Arizona State University, 1972

Brent W. Phelps,
B.S., Southern Illinois University, 1971

MASTER OF FINE ARTS

Degrees Conferred January 16, 1974

Laverne Edward Mosher,
B.A., Colorado State College, 1967

Kathryn Schooley-Robins,
B.F.A., University of Florida, 1970

Candidates for the Degree of
MASTER OF FINE ARTS
To Be Conferred on May 17, 1974
Subject to Completion of Requirements

Max Chance
B.F.A., University of Kansas, 1971
John Allan Dawson
B.F.A., Northern Illinois University, 1969
Larry Stuart Deck
B.A., University of Missouri, 1970
M.A., University of Missouri, 1972
Ronald V. Fuemmeler
B.S.Ed., University of Missouri, 1968
Carl Edward Granzow
B.A. in Ed., Arizona State University, 1970
M.A., Arizona State University, 1974
Robt. Hirsch
B.F.A., Rochester Institute of Technology, 1971
John Holland Hooton
B.F.A., University of Florida, 1970
Brian G. Humbert
B.S., Wisconsin State University, 1970
Patricia Jo Johnson
B.A., San Fernando Valley State College, 1970
Rosemary Kilmer
B.F.A., Arizona State University, 1971
M.A., Arizona State University, 1973

Robert Frederick Krueger
B.S., Arizona State University, 1968
Ronald R. Lee
B.S., Eastern New Mexico University, 1967
M.A.Ed., University of Guam, 1970
Marc B. Mary
B.A., University of Southwestern Louisiana, 1971
Elizabeth Anne Minor
B.F.A., Syracuse University, 1971
Burdell Moody
B.A. in Ed., Arizona State University, 1969
Harriet Laura Quick
B.S., University of Michigan, 1967
James Alvin Sandall
B.F.A., University of Nebraska, 1970
Ruth Marie Sinai
B.A., Portland State College, 1968
Gregory Kim Sines
B.F.A., Wisconsin State University, 1971
Philip D. Wahlmark
B.S., Wisconsin State College, 1969

MASTER OF MUSIC
Degrees Conferred September 14, 1973

Margaret Deborah Alvord,
B.M., Arizona State University, 1971
Clydene K. Dechert,
B.A. in Ed., Arizona State University, 1966
Stephen Lee Hock,
B.A., University of Northern Colorado, 1969
Robert Daniel Mitchell,
B.A., Ashland College, 1971
*Thesis: The Use of Theme and Variations Form in Selected
Twelve-Tone Compositions*

Donald Joe Pinney,
B.A., University of Wyoming, 1959
Lois Ann Pinney,
B.A., University of Wyoming, 1959
Warren W. Roché,
B.M., University of Southern California, 1967
Ann Marie Louise Wunderlich,
B.A., Dominican College of San Rafael, 1962

MASTER OF MUSIC
Degree Conferred January 16, 1974

Nancy Lyn Bangstad,
B.S., University of Illinois, 1971

Candidates for the Degree of
MASTER OF MUSIC
To Be Conferred on May 17, 1974
Subject to Completion of Requirements

Susan Lynne Blinderman
B.M., Texas Technological University, 1972

Ellen Lucille Brown
B.M., Mount Union College, 1967

Bill F. Caddell
B.M., University of Arizona, 1963

Byrl Rudy Cinnamon
B.M., Arizona State University, 1972

Daniel Loye Crenshaw
B.M.Ed., John Brown University, 1971

Chadwick J. Edwards
B.S., Bridgewater College, 1966

James J. Filipek
B.M., State University of New York, 1972

Elizabeth Ann Gannett
B.M., New England Conservatory of Music, 1971

Phyllis Annette Hoiseth
B.A., St. Olaf College, 1941

Dennis Austin Lovin
B.A., Mars Hill College, 1971

David Eugene Miller
B.A., California Lutheran College, 1971

Lawrence Elliott Moore
B.S., Northern Arizona University, 1968

Andrea Jill Obrand
B.A., Mills College, 1963

William Paul Roberts
B.M.Ed., Eastern Michigan University, 1972

Sanford Allen Siegel
B.S.Ed., Ohio State University, 1968

Dan L. Strawbridge
B.A. in Ed., Arizona State University, 1965

Patricia Ann White
B.A., College of Idaho, 1961

MASTER OF NATURAL SCIENCES
Degrees Conferred September 14, 1973

Elayn G. Bigelow,
B.S., University of Illinois, 1948

Rosemarie Hanson,
B.S., College of St. Francis, 1958

Michael Edward Morley,
B.S., Northern Illinois University, 1968

Ronald Douglas Standage,
B.A. in Ed., Arizona State University, 1969

MASTER OF NATURAL SCIENCES
Degree Conferred January 16, 1974

Pauline Harper Jones,
B.S., Allen University, 1964

Candidates for the Degree of
MASTER OF NATURAL SCIENCES
To Be Conferred on May 17, 1974
Subject to Completion of Requirements

Daniel A. Dunn
B.A., Arizona State University, 1968

Winifred Paulson Overley
B.A., Northwestern University, 1959

Paul John Renko
B.S., Eastern Michigan University, 1960
M.A.Ed., Eastern Michigan University, 1965

Richard Ivan Terbush
B.A. in Ed., Arizona State University, 1971

MASTER OF PUBLIC ADMINISTRATION
Degree Conferred September 14, 1973

Howard L. Buchly,
B.A., University of Colorado, 1963
Thesis: An Analysis of the Moricopo Association of Governments

MASTER OF PUBLIC ADMINISTRATION
Degrees Conferred January 16, 1974

David L. Caldwell,
B.A., Arkansas Polytechnic College, 1966
Thesis: Factors Affecting Nursing Personnel's Attitudes Toward the Clientele Group in a Public Health Setting

Terrance James Dunn,
B.S., Arizona State University, 1971

Merle N. Fister,
B.G.Ed., University of Nebraska at Omaha, 1963

Victor Lee Heller Jr.,
B.A., Arizona State University, 1971
Thesis: Public Relations and Municipal Innovation: A Functional Study of Prescott, Arizona

Andrew D. Tomlinson Jr.,
B.S., Arizona State University, 1967
Thesis: Arizona Municipal Budget Laws: An Attempt at Futility

Robert Warren VanNorman,
B.A., University of Nebraska, 1968
Thesis: Arizona's Administrative Procedure Legislation: An Analysis and Evaluation

Candidates for the Degree of
MASTER OF PUBLIC ADMINISTRATION
To Be Conferred on May 17, 1974
Subject to Completion of Requirements

Norman Lee Arthur
C.E., University of Cincinnati, 1959

Richard Donald Baillargeon
B.S., Michigan State University, 1971

Gary P. Carpenter
B.S., Arizona State University, 1972

Patrick Theodore Colvin
B.S., Arizona State University, 1971

Scott Louis Duncan
B.A., Brigham Young University, 1971

Raymond Leo Everett
B.A. in Ed., Arizona State University, 1964
M.A. in Ed., Arizona State University, 1967

George Flores
B.A., Arizona State University, 1971

Margaret Mary Franquero
B.S., Arizona State University, 1972

Sanford Lenahan Good
B.S., Arizona State University, 1971

William Joseph Howard
B.A., University of Maryland, 1963

Marilyn Elaine Leuck
B.A., Arizona State University, 1972

Larry M. Lines
B.S., Brigham Young University, 1967

Patrick William Manion
B.A., Arizona State University, 1969

George Ellsworth Niedner Jr.
B.S., Arizona State University, 1968

Frank Bernal Ohnesorgen
B.A., University of Arizona, 1967

Stephen Allen Polowski
B.A., Arizona State University, 1970

Jack Mays Wheatley
B.A., Arizona State University, 1972

Marilyn Buzard Wilkens
B.A., Arizona State University, 1970
Thesis: An Analysis of Financing Arizona's Common and High Schools

MASTER OF SCIENCE IN ENGINEERING

Degrees Conferred September 14, 1973

Eugene Lawrence Anderson, *Industrial Engineering*
B.S.C.E., Northeastern University, 1961

Glenn Robert Bailey Jr., *Industrial Engineering*
B.S. in Engr., Arizona State University, 1966

Deepak Bhandari, *Chemical Engineering*
B.E., Birla Institute of Technology and Science, 1969
Thesis: Design of a Laboratory Reactor to Study the Synthesis of Hydrogen Sulfide

Gordon Francis Billington, *Mechanical Engineering*
B.S., U.S. Air Force Academy, 1962
Thesis: High Speed Vehicle Suspension Optimization for Vertical Motion

John Howard Estes IV, *Industrial Engineering*
B.S. in Engr., Arizona State University, 1972

Martin Charles Fisher, *Civil Engineering*
B.S.C.E., Virginia Military Institute, 1958

Roland Guy Fontaine, *Industrial Engineering*
B.S., United States Naval Academy, 1963

Robert D. Gasson, *Electrical Engineering*
B.S. in Engr., Arizona State University, 1972

Theodore Winston Golder, *Industrial Engineering*
B.S. in Engr., Arizona State University, 1966

Harold Charles Hanover III, *Electrical Engineering*
B.S.E.E., University of Santa Clara, 1971

Paul Stephen Inglish, *Chemical Engineering*
B.S. in Engr., Arizona State University, 1972
Thesis: Molecular Weight and Particle Size Distribution Prediction in a Continuous Stirred Tank Emulsion Polymerization Reactor

Lutz Kunze, *Civil Engineering*
B.S.E., University of Connecticut, 1966

James Joseph Machak, *Mechanical Engineering*
B.M.E., General Motors Institute, 1973
Thesis: Signature Analysis of Automotive Engine Combustion

Paul Ray McCright, *Industrial Engineering*
B.S.I.E., Texas Technological University, 1971

Edward C. Meyer, *Industrial Engineering*
B.C.E., Clarkson College of Technology, 1961

Randall Hall Moore, *Electrical Engineering*
B.S., Colorado State University, 1970

Hikmat Ben Odeh, *Civil Engineering*
B.S. in Engr., Arizona State University, 1970

Jimmy Allen Payne, *Industrial Engineering*
B.I.E., Auburn University, 1967

John James Petersen, *Electrical Engineering*
B.S.E.E., San Diego State College, 1967

H. Ilhan Refioglu, *Electrical Engineering*
B.S., Middle East Technical University, 1969

John Robert Reinert, *Electrical Engineering*
B.S., Colorado State University, 1968

Randall W. Rhea, *Electrical Engineering*
B.S., University of Illinois, 1969
Thesis: Reception of Apollo CSM Downlink Signals

Michael Barr Rugh, *Mechanical Engineering*
B.S.M.E., University of Kansas, 1971
Thesis: The Spectral Characteristics of Thermal Radiation Incident to the Fuel Surface of a Liquid Pool Fire

Mario B. Saldamando, *Civil Engineering*
B.S.C.E., University of Arizona, 1968

Gerald Alton Taylor Jr., *Electrical Engineering*
B.S. in Engr., Arizona State University, 1972

Kenneth Toivo Valikai, *Electrical Engineering*
B.S. in Engr., Arizona State University, 1969
Thesis: A Dynamic Technique for Measurement of In Vivo Thermal Diffusivity of Live Brain Tissue

Richard Erwin Zimmermann, *Mechanical Engineering*
B.S. in Engr., Arizona State University, 1968
Thesis: Sweep Frequency Excitation of Resonant Systems

MASTER OF SCIENCE IN ENGINEERING

Degrees Conferred January 16, 1974

Anastasios Aristedou Axiotopoulos, *Industrial Engineering*
B.S.I.E., University of Omaha, 1967

Douglas John Bartek, *Electrical Engineering*
B.S.E.E., University of Texas at Austin, 1972

David Charles Benish, *Industrial Engineering*
B.S. in Engr., Arizona State University, 1972

Ronald Jack Bergland, *Civil Engineering*
B.S. in Engr., Arizona State University, 1966

Richard Frank Brunner, *Electrical Engineering*
B.S., University of Colorado, 1966

He-Nein Chang, *Civil Engineering*
Diploma, Taiwan Provincial Taipei Institute of Technology, 1968

Michael Hardy Cochran, *Industrial Engineering*
B.I.E., Auburn University, 1966

William D. Ernt, *Civil Engineering*
B.S., University of Notre Dame, 1969

Kuo-chung Fan, *Chemical Engineering*
B.S., Chung Yuan Christian College of Science and Engineering, 1969
Thesis: Equilibrium and Non-Equilibrium CO₂ Transfer in Aqueous and Physiological Solutions in Semipermeable Tubes

William Joseph Gleeson III, *Industrial Engineering*
B.S.E.M., University of Arizona, 1969

Vinod Kumar Goyal, *Industrial Engineering*
B.E., Birla Institute of Technology and Science, 1969

Douglas Wayne Hawkins, *Electrical Engineering*
B.S., Michigan State University, 1970

Ray Allen Hicks, *Electrical Engineering*
B.E.E., Auburn University, 1970

Srinivasan Ramamurthy Iyer, *Electrical Engineering*
B.E., University of Poona, 1970
M.E., University of Poona, 1972

Bruce Y. Korth, *Electrical Engineering*
B.E.S., Brigham Young University, 1969

Paul Anthony Lambert, *Mechanical Engineering*
B.S.M.E., New York University College of Engineering, 1960
Thesis: Water Hammer Effects in Small Diameter Pipes

Dean R. Lindsey Jr., *Civil Engineering*

B.S., University of Arkansas, 1962

Thesis: A Study of the Variables Affecting Highway Speed Characteristics at Highway-Railway Grade Crossings

Richard G. Luebke, *Electrical Engineering*

B.S.E.E., Purdue University, 1972

Thesis: Design of a General Purpose Microprogrammed Minicomputer

Steve Mitchell Marks, *Industrial Engineering*

B.S., University of Mississippi, 1972

Mradul Mehrotra, *Engineering Mechanics and Materials*

B.E., Shri Govindram Seksaria Technological Institute, University of Indore, 1969

Young Eill Min, *Chemical Engineering*

B.E., Yon Sei University, 1971

Dennis Don Roscoe, *Electrical Engineering*

B.S., University of Illinois, 1968

Bruce Duane Rowe, *Electrical Engineering*

B.S.E.E., Iowa State University, 1966

Richard Lewis Sanders, *Civil Engineering*

B.S., Polytechnic Institute of Brooklyn, 1967

Mark D. Vantzelfde, *Electrical Engineering*

B.S.E.E., Wichita State University, 1972

Charles Edward Verboom, *Industrial Engineering*

B.S.E.E., University of Akron, 1971

Walter O. Wong, *Electrical Engineering*

B.S. in Engr., Arizona State University, 1971

Candidates for the Degree of
MASTER OF SCIENCE IN ENGINEERING

To Be Conferred on May 17, 1974
Subject to Completion of Requirements

Vinit Agnihotri, *Mechanics, Materials and Measurement Engineering*

B.E., Regional Engineering College, 1970

Omar Abdulaziz Alomair, *Industrial Engineering*

B.S., University of California, 1970

Douglas Warren Arlig, *Electrical Engineering*

B.S.E.E., Tufts University, 1969

Bryan G. Bagwell, *Electrical Engineering*

B.S., Oklahoma State University, 1967

Ravinder Kumar Bansal, *Mechanical Engineering*

B.E.1st Class, University of Allahabad, 1971

Thesis: Theoretical Analysis of Fixed Mirror Solar Concentrator

Robert Worth Beardsley, *Electrical Engineering*

B.S., Harvey Mudd College, 1972

Charles Daniel Bertsch Jr., *Electrical Engineering*

B.S., Michigan State University, 1972

Thesis: Logic in Memory in a Shared Segment System

Jon Richard Biemer, *Electrical Engineering*

B.S. in Engr., Arizona State University, 1972

Stevan Harold Bingaman, *Electrical Engineering*

B.S. in Engr., Arizona State University, 1969

Robert Dean Blue, *Electrical Engineering*

B.S.E.E., Purdue University, 1968

Robert Glenn Burrill, *Electrical Engineering*

B.S.E.E., University of Washington, 1969

Yen-Tong Chang, *Electrical Engineering*

Diploma, Taiwan Provincial Taipei Institute of Technology, 1969

Jem Tang Chao, *Electrical Engineering*

B.S., Tatung Institute of Technology, 1968

Shy-Wen Jony Chen, *Civil Engineering*

B.S., Taiwan Provincial Taipei Institute of Technology, 1968

David F. Chin, *Industrial Engineering*

B.S.E.E., University of Washington, 1972

James Eggert Crane, *Electrical Engineering*

B.S. in Engr., Arizona State University, 1971

Stephen Clark Crist, *Electrical Engineering*

B.S., Rensselaer Polytechnic Institute, 1969

William Roy Cross, *Industrial Engineering*

B.S. in Engr., Arizona State University, 1965

Lawrence Alexander D'Agostino, *Industrial Engineering*

B.S., Oklahoma State University, 1965

Christopher Joseph Dalton, *Electrical Engineering*

B.S.E.E., Virginia Polytechnic Institute, 1972

Gerald John D'Amato, *Electrical Engineering*

B.S., Colorado State University, 1969

William Kent Durrenberger, *Electrical Engineering*

B.S.E.E., Iowa State University of Science and Technology, 1962

Leonard Julious Erie II, *Civil Engineering*

B.S. in Engr., Arizona State University, 1970

Dave F. Fletcher, *Electrical Engineering*

B.S. in Engr., Arizona State University, 1971

Ronald William Gillespie, *Industrial Engineering*

B.S.M.E., University of Arizona, 1965

Ray Derrold Greenway, *Industrial Engineering*

B.S., California Polytechnic College, 1957

Luis Roberto Guzman, *Electrical Engineering*

B.S., Louisiana State University and A&M College, 1971

David Charles Hall, *Electrical Engineering*

B.S.E.E., Kansas State University, 1970

Robert Holden Haworth, *Electrical Engineering*

B.S., Massachusetts Institute of Technology, 1972

Roy Wayne Headrick, *Industrial Engineering*

B.S. in Engr., Arizona State University, 1970

Robert J. Hetrick Jr., *Industrial Engineering*

B.S., Michigan State University, 1970

James William Heywood, *Industrial Engineering*

B.S. in Engr., Arizona State University, 1965

Hsu-Ran Huang, *Electrical Engineering*

B.S.E.E., Tatung Institute of Technology, 1970

Harvey B. Jansen, *Mechanical Engineering*

B.S.M.E., University of Texas, 1962

Thesis: A Computer Analysis of an Adaptive Brake for Trucks

Billy Rex Jolly, *Civil Engineering*

B.S.C.E., Texas Technological College, 1967

L. Scott Jones, *Civil Engineering*

B.A., Washington University, 1966

James Joseph Klug, *Electrical Engineering*

B.S., University of Illinois, 1969

Lawrence Joseph Klumas, *Industrial Engineering*

B.S., Eastern Nazarene College, 1960

B.S. in Engr., Arizona State University, 1964

Antonia M. Leach, *Industrial Engineering*

B.S. in Engr., Arizona State University, 1968

- David Tuck Wai Lee, *Industrial Engineering*
B.S.E.E., University of New Mexico, 1970
- Edward Joseph Lopez Jr., *Industrial Engineering*
B.S.I.E., Northeastern University, 1972
- Chih-Hung Ma, *Electrical Engineering*
Diploma in E.E., Taiwan Provincial Taipei Institute of Technology, 1970
- Norman Joseph Maul, *Civil Engineering*
B.S. in Engr., Arizona State University, 1959
- William Michael Maule, *Electrical Engineering*
B.S. in Engr., Arizona State University, 1969
- William David Mensch Jr., *Electrical Engineering*
B.S.E., University of Arizona, 1971
- Harold Ray Meyering, *Electrical Engineering*
B.S., California State Polytechnic University, 1969
- James H. Mulligan Jr., *Electrical Engineering*
B.S., Texas A&M University, 1972
- R. Kenton Munsil, *Electrical Engineering*
B.S. in Engr., Arizona State University, 1971
- Jose Nabielsky, *Industrial Engineering*
B.S. in Engr., Arizona State University, 1973
- John Marion Naegle, *Electrical Engineering*
B.S.E.E., University of Arizona, 1971
- Robert Newell Nelson, *Electrical Engineering*
B.S., New Mexico State University, 1966
- Dell Orey Nickell, *Civil Engineering*
B.A., San Jose State College, 1950
- David Michael Norman, *Electrical Engineering*
B.S., Louisiana Polytechnic Institute, 1971
- Gregory C. Novak, *Electrical Engineering*
B.S., University of Illinois, 1972
- Arthur William Peltier, *Electrical Engineering*
B.S.E.E., University of New Mexico, 1971
- Steven Roy Polk, *Mechanics, Materials and Measurement Engineering*
B.S.A.E., U.S. Air Force Academy, 1968
- Thomas True Poorman, *Electrical Engineering*
B.S.E.E., Kansas State University, 1970
- Gordon Philip Pratt, *Electrical Engineering*
B.S. in Engr., Arizona State University, 1971
- Ernest Theodore Prigge, *Electrical Engineering*
B.S.E.E., University of Nebraska, 1968
- Donald Phillip Richards, *Civil Engineering*
B.S. in Engr., Arizona State University, 1969
- Ronald Roger Riedesel, *Industrial Engineering*
B.S.E.E., University of Iowa, 1972
- Jon D. Rodgers, *Electrical Engineering*
B.S.E.E., Texas Technological College, 1967
- Steven Alan Rose, *Electrical Engineering*
B.S. in Engr., Arizona State University, 1973
- Michael Anthony Shafe, *Civil Engineering*
B.S., United States Military Academy, 1969
- William E. Simpson, *Civil Engineering*
B.S., University of California, 1966
- Vaipot Srinual, *Electrical Engineering*
B.S., Virginia Military Institute, 1972
- Robert Sheldon Steele, *Electrical Engineering*
B.S. in Engr., Arizona State University, 1971
- Charles Edward Steuck, *Electrical Engineering*
B.S. in Engr., Arizona State University, 1969
Thesis: Response of a Soft-Limiter to Sinusoidal Inputs
- William Carll Stimson, *Industrial Engineering*
B.S. in Engr., Arizona State University, 1969
- Dennis W. Sullivan, *Electrical Engineering*
B.S. in Engr., Arizona State University, 1971
- Richard Warren Tanguy, *Industrial Engineering*
B.S. in Engr., Arizona State University, 1972
- James W. Taylor, *Electrical Engineering*
B.S.E.E., University of Arizona, 1966
- Ronald Ivar Tesdal, *Electrical Engineering*
B.S.E.E., University of North Dakota, 1967
- Philip Arthur Trask, *Electrical Engineering*
B.S., University of California, 1970
- Charles Troiani, *Electrical Engineering*
B.S., Northrop Institute of Technology, 1969
- Dennis Kon Man Tsui, *Electrical Engineering*
B.S. in Engr., Arizona State University, 1971
- Lyle Marvin Tweet, *Civil Engineering*
B.S., University of California, 1966
- Eugene Hugh Weeks, *Industrial Engineering*
B.E.E., Auburn University, 1972
- Donald Allan Weil, *Electrical Engineering*
B.S. in Engr., Arizona State University, 1972
- Michael Frederick Wiles, *Electrical Engineering*
B.S.E.E., New Mexico State University, 1969
- William Norman Willcox Jr., *Industrial Engineering*
B.I.E., Georgia Institute of Technology, 1972
- David Moon Yee, *Electrical Engineering*
B.S. in Engr., Arizona State University, 1972
- Victor Sam Yee, *Electrical Engineering*
B.S.E.E., University of Washington, 1972
- Tsui-Fan Yu, *Industrial Engineering*
B.S.I.M.E., Montana State University, 1971
- How Yuan, *Civil Engineering*
B.E., Chung-Yuan Christian College of Science and Engineering, 1970

Graduate School of Social Service Administration
The Recipients and Candidates Will Be Presented By
HORACE W. LUNDBERG, PH.D.
Dean of the School

Candidates for the Degree of
MASTER OF SOCIAL WORK
To Be Conferred on May 17, 1974
Subject to Completion of Requirements

Rita Koppinger Acuña

B.A., Arizona State University, 1971

Ronald Edward Basil

B.A., Adams State College, 1971

M.A., Adams State College, 1972

Bettina T. Begay

B.S., Brigham Young University, 1970

Gail Perlewitz Belken

B.A., Carroll College, 1972

Jo Ann Marie Bell

B.S., Arizona State University, 1972

Enrique Torrez Blanco

B.S., Arizona State University, 1972

Edith Kolodny Block

B.A., Connecticut College, 1950

Angela Jean Borgan

B.A., Arizona State University, 1972

Frank Carrizosa

B.A.Ed., University of Arizona, 1969

Carolyn Coan

B.A., California State College at Long Beach, 1965

James Philip Coan

B.S.P.A., University of Arizona, 1966

M.P.A., San Diego State College, 1970

Hubert Larue Crockett

B.S., Brigham Young University, 1967

Douglas Croy

B.A., San Jose State College, 1967

Cynthia Chapman Cupchak

B.A., Arizona State University, 1961

Donna Mae Dahl

B.A., Wisconsin State University, 1970

Robert Timothy Dunst

B.S., Arizona State University, 1972

Rose Epstein

B.A., Hunter College of the City of New York, 1943

Lazaro Efraim Estrada Jr.

B.A., New Mexico Highlands University, 1970

Carol Evans

B.S., Arizona State University, 1972

James M. Garitson

B.A., New Mexico Highlands University, 1972

Virginia K. Glicker

B.S.Ed., Northern Arizona University, 1968

Christine Lorraine Goldberg

B.A., Roosevelt College, 1970

Edwin Gonzalez-Santin

B.A., Cameron State Agricultural College, 1970

Gloria J. Hemphill

B.S. in Nurs., Arizona State University, 1971

Nancy Jo Hogin

B.A., Northern Arizona University, 1969

Cheryl Zinn Holcomb

B.A., University of New Mexico, 1969

Judy Jimenez Holgate

B.A., University of Arizona, 1972

Mary Frances Horvers

B.A., Arizona State University, 1967

Aleene Frances Hughes

B.S., Arizona State University, 1972

Marion Ann Huxtable

B.S., University of Bristol, 1966

David Scott Isom

B.S., College of Southern Utah, 1969

Richard Franklin Johnson

B.A., Arizona State University, 1971

Karla Sue Kingston

B.S., Arizona State University, 1971

Carol Ann Kinyon

B.S.W., University of Kansas, 1972

Frances Elizabeth Koski

B.A., University of Washington, 1968

Barbara Lee Landgraf

B.S., Wheaton College, 1959

Jack Kenneth Lanley

B.A., University of Southern California, 1950

Betty Anne Lipow

B.A., University of California, Berkeley, 1948

Violeta Lopez

B.A., Arizona State University, 1966

Raymond F. Martinez

B.S., Southern Colorado State College, 1972

Laura Sue Mc Collum

B.A., University of Oklahoma, 1967

Esperanza Merino

B.S., Brigham Young University, 1972

Marietta Suzanne Miller

B.F.A., University of New Mexico, 1955

Erma Jean Mundy

B.S., Arizona State University, 1972

Dorothy Petersen O'Neill

B.S., Arizona State University, 1972

Billie Jean Poteet

B.A., New Mexico Highlands University, 1969

Maria Carmen Preciado

B.S.P.A., University of Arizona, 1966

Alan D. Ramsdell

B.A., Grand Canyon College, 1971

Gary L. Rapp

B.A., Carroll College, 1969

Maria Eugenia Revilla

B.A., Barry College, 1968

Keithanne Royer

B.S., Central Missouri State College, 1967

Ellen Yaun Ryan

B.A., University of Kansas, 1971

Alvin Lloyd Sallee

B.A., Phillips University, 1972

Sandra Katherine Schafer

B.A., College of St. Benedict, 1971

Karen Dean Schneider

B.S., Kansas State College, 1956

Peter Rhys Selway

B.A., Arizona State University, 1965

David Louis Shank

B.A., Loma Linda University, 1964

Donna Leslie Sloan

B.S.Ed., Kansas University, 1972

Lora Lynn Thomas

B.A. in Ed., Arizona State University, 1971

Ruth Unger

B.A., University of Arizona, 1968

Rosalie J. Villard

B.S., Loyola University, 1965

Judith Longendorf White

B.A., University of Redlands, 1969

Charles T. Wisneski

B.A., Lewis College, 1970

CONFERRING OF
EDUCATION SPECIALIST DEGREES

PRESIDENT JOHN W. SCHWADA

The Recipients and Candidates Will Be Presented By

WILLIAM J. BURKE, PH.D.

Dean of the Graduate College

EDUCATION SPECIALIST

Degrees Conferred September 14, 1973

Harold Rushton Gerry, *Elementary Education*

B.A., University of Maine, 1956

M.A. in Ed., Arizona State University, 1965

Applied Project: A Basic Guide for the Special Reading Teacher

Bernard Henry Lane, *Teaching Specialist*

B.A., Lincoln University, 1951

M.A., Louisiana State University, 1959

Applied Project: The Social Studies Achievement of Sixth-Grade Students Utilizing Multiple Textbooks

Alfred Puccinelli, *Educational Administration and Supervision*

B.A., Catholic University of America, 1962

M.S.Ed., Dominican College of San Rafael, 1967

Applied Project: Social Isolation - Is It an Effect of the Educational System of the Diocese of Phoenix: An Investigation

EDUCATION SPECIALIST

Degrees Conferred January 16, 1974

Darrell Oswell Knight, *Educational Administration and Supervision*

B.S., Brigham Young University, 1959

M.S., Brigham Young University, 1962

Applied Project: Guidelines for Educational Program/Facility Planners

James B. Long, *Educational Administration and Supervision*

B.S., Arizona State University, 1951

M.A. in Ed., Arizona State University, 1963

Applied Project: An Analysis of Attendance Patterns of Students in the Phoenix Union High School District for the Years, 1967-1972

Barbara Alice Shoob, *Educational Administration and Supervision*

B.A. in Ed., Arizona State University, 1954

M.A. in Ed., Arizona State University, 1967

Applied Project: An Index of Arizona School Laws Constitutional and Statutory

Bonnie Jean Stearns, *Educational Administration and Supervision*

B.S. Ed., Northern Arizona University, 1950

M.A. Ed., Northern Arizona University, 1956

Applied Project: Correlation of a Teacher-Designed Test and a Standardized Test for Determining Reading Readiness

Patricia Doris Wise, *Elementary Education*

B.A. in Ed., Arizona State University, 1960

Applied Project: The Use of the Directed Reading Activity as a Strategy for Improving Reading

Candidates for the Degree of

EDUCATION SPECIALIST

To Be Conferred on May 17, 1974

Subject to Completion of Requirements

Doris M. Cornett, *Educational Administration and Supervision*

B.A. in Ed., Arizona State University, 1962

M.A. in Ed., Arizona State University, 1967

Applied Project: Development of an Administrative Procedural Manual for Tempe Elementary District No. 3

Roger Ross Hocken, *Educational Administration and Supervision*

B.S., San Jose State College, 1960

Applied Project: Guidelines for Central Office Staff for School Districts in Arizona

CONFERRING OF JURIS DOCTOR DEGREES

PRESIDENT JOHN W. SCHWADA

The Recipients and Candidates Will Be Presented By

WILLARD H. PEDRICK, J.D.

Dean of the College of Law

JURIS DOCTOR

Degrees Conferred September 14, 1973

Hermilio Iniguez

B.A., Arizona State University, 1970

Willie Edd Jackson

B.S., Morris Brown College, 1966

Jack Hunt Simon

B.S., Northern Arizona University, 1970

Richard Earl Taylor

B.S., Arizona State University, 1968

Timothy Weeks

B.A., University of New Mexico, 1962

John Leonard Wiehn

B.A., Bethany College, 1969

Stephen Michael Zang

B.A., Columbia University, 1963

M.D., Stanford University, 1968

JURIS DOCTOR

Degrees Conferred January 16, 1974

Fernando Almendarez Jr.

B.S., Arizona State University, 1971

John Charles Arnold

B.S., Arizona State University, 1970

Claudeen Rosenda Bates Arthur

B.S., New Mexico State University, 1965

Jess Cardenas

B.S., Arizona State University, 1971

H. Jeff Coker

B.S., Northern Arizona University, 1970

Randy Laurence Ellexson

B.S., Arizona State University, 1968

Keith Edwin Galliher Jr.

B.S., University of Nevada, Las Vegas, 1970

Arthur Garcia Garcia

B.S., Arizona State University, 1971

John Gerhardt Gliege

B.A., Arizona State University, 1969

M.P.A., Arizona State University, 1970

Wm. George Harris

B.S., University of Wyoming, 1964

Dennis Perry Levine

B.A., Brooklyn College, 1971

John Crandall Lincoln

B.A., Arizona State University, 1972

James Willard McAnally

B.S.B.A., University of Denver, 1958

Gregory Arnold McCarthy

B.A., University of California, Berkeley, 1969

Lawrence Michael Moore

B.S., Arizona State University, 1971

Roy A. Osborn

B.S., Arizona State University, 1971

Charles Ervans Preimsberg

B.S., Arizona State University, 1970

Edward Ronwin

B.S., City College of New York, 1949

M.S., University of Illinois, 1950

Ph.D., University of California, Berkeley, 1952

Roy William Saukkola

B.A., University of Minnesota, 1965

Thomas Michael Shaw

B.A., Arizona State University, 1971

Otis Smith

B.A., Stanford University, 1971

Dennis P. Turnage

B.A., Arizona State University, 1965

Duane Norman Varbel

B.S., Arizona State University, 1970

Elizabeth Coppins Varbel

B.A., University of California, Berkeley, 1966

John Paul Wanderer

B.S., University of Nevada, Las Vegas, 1971

George Senner Wright

B.S., Arizona State University, 1971

Candidates for the Degree of
JURIS DOCTOR
To Be Conferred on May 17, 1974
Subject to Completion of Requirements

Mark Edward Aspey
B.S., Northern Arizona University, 1971

Franzula Moody Bacher
B.A., Arizona State University, 1966
M.A., Arizona State University, 1969

Wendy Nan Bay
B.A., American University, 1971

Donald Hamilton Bayles Jr.
B.A., Claremont Men's College, 1971

Cremin O. Benson
B.S., University of Arizona, 1971

Dana Dee Biehl
B.S., Northern Arizona University, 1968

Ronald Kent Blake
B.S., Arizona State University, 1971

James Edward Brophy III
B.A., University of Arizona, 1968

Eugene A. Burdick
B.S., University of Santa Clara, 1959

Georgia Catherine Butcher
B.A., Arizona State University, 1971

Earl Franklin Carter
B.A., Brigham Young University, 1971

David Alanson Chamberlain
B.S., Arizona State University, 1971

William J. Curosh
B.A., University of Notre Dame, 1971

Charles Edward Davis
B.A., Arizona State University, 1970

Peter Edward Deambrogio
B.S., Arizona State University, 1971

Thomas E. Dellafiora
B.S., U. S. Air Force Academy, 1967

Louise Denetsosie
B.S., University of Arizona, 1970

John Peter Donovan
A.B., John Carroll University, 1969

Robert Lloyd Dossey
B.A., Brown University, 1970

Duane L. Dougherty
B.A., Arizona State University, 1971

Daniel Robert Drake
B.S., University of Wisconsin, Madison, 1970

John Kennedy Drummond
M.E., Stevens Institute of Technology, 1956

Thomas Edward Dugal
B.S., Arizona State University, 1971

Janet Govekar Effland
B.S., Arizona State University, 1971

Susan Ann Ehrlich
B.A., Wellesley College, 1970

Joe A. Falbo
B.S., Arizona State University, 1966
M.B.A., Arizona State University, 1970

Gerald Karl Gaffaney
B.S., Arizona State University, 1971

Frederick George Gamble
B.S., Arizona State University, 1969

Timothy Churchill Gerking
B.A., University of Arizona, 1971

David Curtis Guthrie Jr.
B.S., Arizona State University 1966
M.B.A., University of California at Long Beach, 1971

Steven Reynolds Haasis
B.S., Arizona State University, 1971

Helen Leslie Hall
A.B., Cornell University, 1970

Terry Frank Hall
B.A., Arizona State University, 1971

Michael S. Halladay II
B.S., Southern Colorado State College, 1971

Arthur Grant Hazelton Jr.
B.S., Arizona State University, 1971

James L. Heard Jr.
B.A., Baylor University, 1971

John David Herbert
B.A., Case Western Reserve University, 1971

Joseph Julius Hessinger
B.S., Eastern New Mexico University, 1969

Jud Anthony Holtey
B.A., University of Iowa, 1971

Coit Inge Hughes
B.A., Northern Arizona University, 1971
M.A., Northern Arizona University, 1971

Frederick Allan Jackman
B.S., Brigham Young University, 1971

Michael Anthony Johns
B.S., University of Arizona, 1971

Robert Maher Juster
B.A., Arizona State University, 1970

Lawrence William Katz
B.A., Arizona State University, 1971

Robert Hughes Layton
B.S., Brigham Young University, 1970

Leo Verne Leonard
B.A., University of Arizona, 1967

Danny Arthur Lisonbee
B.S., Arizona State University, 1971

James Leo Paul Logan Jr.
B.S., Northeastern University, 1971

Robert Joseph Lyman
B.S., Arizona State University, 1971

Kraig J. Marton
B.S., Carnegie Mellon Institute, 1971

Michael Wallace Lancelot McCrory
B.A., Antioch College, 1969

Edward McDowell
B.A., Arizona State University, 1967

Ruth Van Roekel McGregor
B.A., University of Iowa, 1964
M.A., University of Iowa, 1965

John William Melvin
B.S., University of Illinois, 1956
M.S., University of Illinois, 1959

Jon Merrill Memmott
B.S., Arizona State University, 1969

Phyllis Kay Garbe Merrill

B.S., University of Illinois, 1967

Barbara Kae Miller

B.A., Arizona State University, 1971

Robert Moeller

B.A., Arizona State University, 1968

M.A., University of California, Santa Barbara, 1971

Michael Jay Montgomery

B.S., Arizona State University, 1971

Gareth Geoffrey Ramsden Morris

B.S., Shimer College, 1971

Stanley Edwin Munger

B.S., Iowa State University, 1970

Stephen William Myers

B.A., University of Colorado, Boulder, 1969

Steven Richard Partridge

B.A., Arizona State University, 1970

Edward Lopez Pastor

B.A., Arizona State University, 1966

Robert Stuart Porter

B.A., University of Arizona, 1969

Ronald Craig Ramsey

B.A., Purdue University, 1967

Emily Jenkins Reed

B.A., University of Arizona, 1968

Steven Thomas Richards

B.A., College of St. Thomas, 1971

Kathleen Ann Rihr

B.A., University of Arizona, 1971

Robert James Ripa

B.S., Arizona State University, 1969

George Hugh Rodgers

A.B., University of North Carolina, 1951

M.R.P., University of North Carolina, 1954

Emmet John Ronan

B.A., Arizona State University, 1971

Michael Robert Rooney

B.S., University of Missouri, 1967

Steven Earl Rubin

B.A., University of Minnesota, 1971

Arda Sprague Rutherford

B.A., Washington State University, 1951

James Warren Ryan

B.A., University of Iowa, 1971

William Henry Sandweg III

B.S., Georgetown University, 1966

Linda Kay Scott

B.A., Arizona State University, 1971

Peter Nicholas Serino

B.S., Arizona State University, 1971

Clifford Milton Sherr

B.S., San Diego State College, 1971

Gary L. Thomas

B.A., Occidental College, 1969

Margaret Rhys Tinsley

B.S., Arizona State University, 1971

John Pressley Todd

B.A., George Washington University, 1965

J. Robert Tolman

B.A., Arizona State University, 1971

Richard Michael Traynor

B.S., Arizona State University, 1971

Henry C. Watkins

B.A., Arizona State University, 1968

David Allen Westerby

B.S., University of Michigan, 1970

George Lamont Wood Jr.

B.A., Colorado College, 1971

Michael Eugene Woolf

B.S., Arizona State University, 1971

Christy Ellen Wotruba

B.A., Washington State University, 1971

Truman Richards Young Jr.

B.S., U.S. Air Force Academy, 1964

John Peter Zanotti

A.B., University of San Francisco, 1970

Brian Lynn Zemp

B.A., Brigham Young University, 1971

CONFERRING OF DOCTORAL DEGREES

PRESIDENT JOHN W. SCHWADA

The Recipients and Candidates Will Be Presented By

WILLIAM J. BURKE, Ph.D.
Dean of the Graduate College

DOCTOR OF BUSINESS ADMINISTRATION *Degrees Conferred September 14, 1973*

Gerald Oren Bryan

B.A., Colorado State College, 1960
M.A., Colorado State College, 1964
Dissertation: A Semantic Content Analysis of the Responses of Participants to Selected University-Sponsored Management Development Programs

Gordon L. Chapman

B.S., Eastern Montana College, 1963
M.B.A., University of Denver, 1964
Dissertation: An Empirical Investigation of the Time Taken To Announce the Annual Earnings of the Firm

Robert Benjamin Glassman

B.S., University of Maryland, 1963
B.L., University of Baltimore, 1967
M.S., University of Arizona, 1970
M.B.A., University of Arizona, 1971
Dissertation: Financial Specialists Attitudes Toward Financial and Managerial Human Resource Reporting

David Peter Lohmann

B.S., United States Air Force Academy, 1963
M.S., Stanford University, 1965
Dissertation: An Examination of Some Behavioral Correlates of Air Force Undergraduate Pilot Training Through the Use of the Porter and Lawler Performance/Satisfaction Model

John Theodore Stenvall

B.S.I.E., Illinois Institute of Technology, 1952
M.S.P.E.A., Illinois Institute of Technology, 1958
Dissertation: Improving Decision Making in the Marketing of New Cities

DOCTOR OF BUSINESS ADMINISTRATION *Degrees Conferred January 16, 1974*

Ronald Frank Bush

B.S.C.B.A., University of Alabama, 1968
M.A., University of Alabama, 1970
Dissertation: An Experiment To Assess the Sales Response of White Consumers to Black Models Displayed in Promotional Material

Gregory Mace Gazda

B.A., Occidental College, 1966
M.B.A., University of Michigan, 1968
Dissertation: A Study of the Attitudes of Businessmen, Consumers, and Consumerists Toward Consumerism

Ronald E. Milliman

B.S., Eastern Michigan University, 1966
M.B.A., Arizona State University, 1969
Dissertation: An Extension of Dissonance Theory to Mail Order Purchasers Under Varying Post-Decision Conditions

Ronnie Gary Olson

B.S.B.A., University of North Dakota, 1961
M.S., University of North Dakota, 1962
Dissertation: Professional Corporations in Medicine, Law, and Accounting

Richard Theodore Voth

B.A., Pacific Union College, 1964
M.A., Pacific Union College, 1965
M.B.A., University of California, 1967
Dissertation: An Experimental Study Comparing the Effectiveness of Three Training Methods in Human Relations Attitudes and Decision Making Skills

Candidates for the Degree of
DOCTOR OF BUSINESS ADMINISTRATION

*To Be Conferred on May 17, 1974
Subject to Completion of Requirements*

Jerry D. Horgeshheimer

B.S., Utah State University, 1964
M.B.A., Utah State University, 1966
Dissertation: An Analysis of the Perceived Legitimacy of Management Influence

Gerald Donald Martin

B.S., Clemson Agricultural College, 1956
M.B.A., Arizona State University, 1966
Dissertation: The Relative Size, Growth, Concentration, and Profitability of Eight Categories of Financial Institutions

Richard G. Schroeder

B.Ed., Chicago Teachers College, 1960
M.B.A., Northwestern University, 1965
Dissertation: The Effect of Localism-Cosmopolitanism and Perceived Bureaucratic Structure on Selected Attitudes of Certified Public Accountants

Bruce Lynn Stern

B.S., Portland State University, 1968
M.B.A., Portland State University, 1969
Dissertation: The Relationship Between Self Structures and the Consumption of Socially Conspicuous and Inconspicuous Goods

John Hood Summey

B.A., University of North Carolina, 1962
M.B.A., Arizona State University, 1969
Dissertation: An Exploratory Study of Freshman and Sophomore Business Students' Attitudes Toward Selected Academic Majors in Business

Richard Hamilton Visse

B.S., University of Oregon, 1966
M.S.B.A., University of Denver, 1968
Dissertation: The Effect of Reward Motivation Feedback Frequency on Aspiration Levels and Performance of Individuals Operating Under a Control Budget

DOCTOR OF EDUCATION
Degrees Conferred September 14, 1973

Raymond E. Birch, Elementary Education

B.S., Utah State University, 1962
M.A. in Ed., Arizona State University, 1971
Dissertation: Pictures and Their Reduction of Abstractional Derivations for the Quasi-Bilingual Indian

Norbert I. Bruemmer, Educational Administration and Supervision

B.S.C., Saint Louis University, 1948
M.A. in Ed., Arizona State University, 1966
Dissertation: A Model for Evaluation of Occupational Education Programs in Community Colleges

David Kenneth Calhoun, Industrial Education

B.S., Oregon State University, 1968
M. Ed., Oregon State University, 1970
Dissertation: A Validation of College Industrial Arts Woodworking Course Content

Thomas S. Cash, Secondary Education

B.A. in Ed., Arizona State University, 1955
M.A. Ed., Northern Arizona University, 1961
Dissertation: Student-Teacher Incompatibility in a Secondary School

Joseph Emanuel Clauson, Educational Administration and Supervision

B.A., Chico State College, 1953
M. Ed., University of Alaska, 1968
Dissertation: Job Satisfaction of Teachers in Selected Extended School Year Programs

Eleanor Mary Cornell, Art Education

B.S. Ed., Wayne University, 1952
M.A. in Ed., Arizona State University, 1960
Dissertation: A Study To Determine the Relationship of Oral Verbal Fluency to Desirability and to Other Variables in Candidates for Teaching Positions in Art

DeLyle Dennis Dvorak, Music Education

B.S., Southern State College, 1962
M.M., University of South Dakota, 1965
Dissertation: The Use of Filmstrip-Sound Materials in Instrument Repair Instruction

Glenn Allen Edmison, Industrial Education

B.A., Central Washington State College, 1952
M. Ed., Central Washington State College, 1957
Dissertation: A Comparison of Industrial Arts in the State of Washington with Selected Innovative Programs

Ernest Yutze Flores, Educational Administration and Supervision

B.A. in Ed., Arizona State University, 1957
M.A. Ed., Northern Arizona University, 1962
Dissertation: Characteristics of Degree Preparation Programs in the Area of Community Education at Selected Universities

Jerry Lee Jaeger, Elementary Education

B.S. Ed., Eastern Montana College, 1960
M.A. in Ed., Arizona State University, 1971
Dissertation: Student Assessment as a Means of Curriculum Adjustment at Intermountain Indian School

Phillip Myron Levi Jr., Elementary Education

B.S.P.E., University of Iowa, 1960
M.A. Ed., Northern Arizona University, 1966
Dissertation: The Effects of the Performance Reading Strategy on the Reading Achievement of 4th, 5th and 6th Grade Special Reading Pupils

Laura Jean Magee, Art Education

B.F.A., Newcomb College of Tulane University, 1959
M.A., Louisiana State University and A. & M. College, 1970
Dissertation: An Experimental Study of the Effects of Selected Television Viewing and Previous Art Experience on Aesthetic Judgment

Joseph Lionel Matthews, Educational Administration and Supervision

B.S., Arkansas State Teachers College, 1949
M. Ed., University of Arkansas, 1955
Dissertation: Comparisons of State, County and School District Purchasing Costs for Supplies in Maricopa County, Arizona

Dudley William Melichar, Secondary Education

B.S., South Dakota State University, 1950
M.S., South Dakota State University, 1957
Dissertation: A Study of the Comparative Academic Achievement of Selected Employed and Non-Employed Students at Arizona State University (Academic Year 1971-72)

Vern Charles Oremus, *Industrial Education*

B.S., Oregon State University, 1968
M. Ed., Oregon State University, 1971
Dissertation: Articulation Between High Schools and Industrial Occupational Programs in the Public Community Colleges in Colorado

Donald David Orvis, *Educational Administration and Supervision*

B.S. Ed., Castleton Teachers College, 1962
M.A. in Ed., Arizona State University, 1967
M.R.E., Conservative Baptist Theological Seminary, 1968
Dissertation: Content Validation of the Revised Instrroteach Definition

Aaron Peter Rasmussen, *Industrial Education*

B.S. Ed., Illinois State University, 1957
M.A., San Jose State College, 1959
Dissertation: An Analysis of Creative Thought Processes Employed in the Solution of Selected Figural Problems

David A. Santellanes, *Educational Administration and Supervision*

B.A. in Ed., Arizona State University, 1968
M.A., Central Michigan University, 1971
Dissertation: The Development of Criteria and Techniques for Evaluating the Optional Program of Community Schools

Wallace Everett Turnidge, *Educational Administration and Supervision*

B.S., Southern Oregon College, 1951
M.S. Ed., Oregon College of Education, 1956
Dissertation: The Characteristics of Schools and Communities Associated with Community Education. A Series of Case Studies

Dennis Warner White, *Art Education*

B.A., San Diego State College, 1967
M.A., San Diego State College, 1969
M. Ed., University of Nevada, 1970
Dissertation: An Experimental Study of the Effects of Audible Auditory Stimulation on the-Autokinetic Visual Perceptual Discrimination and Values of College Students as Exemplified by Watercolor Paintings

DOCTOR OF EDUCATION
Degrees Conferred January 16, 1974

Mark C. Aamot, *Music Education*

B.A., St. Olaf College, 1963
M.A., Colorado State College, 1967
Dissertation: A Study of Contributing Factors to the Aesthetic Experience Within the Choral Performance Area

Homer O'Neal Baker, *Secondary Education*

B.S. Ed., Abilene Christian College, 1962
M.A. in Ed., Arizona State University, 1969
Dissertation: An Algorithm for Computerized Readability

LeRoy Everette Baxter, *Music Education*

B.A. in Ed., Arizona State University, 1957
M.A. in Ed., Arizona State University, 1960
Dissertation: The Use of Selected Vocal Materials from the Classical and Romantic Periods as a Method of Teaching Musical Style Characteristics to Trombone Students

Johnston Drescher, *Industrial Education*

B.S. Ed., University of Missouri, 1950
M.A. in Ed., Arizona State University, 1967
Dissertation: Attitudes and Achievement of Students in Area Vocational Programs Compared to Those in Satellite Vocational Schools

Clifford Victor Dyer, *Industrial Education*

B.S. Ed., Northern Arizona University, 1971
M.A., Northern Arizona University, 1972
Dissertation: A Study To Determine Curriculum Content for Industrial Arts in the Junior Secondary Schools of Trinidad and Tobago

Douglas Ray Faulkner, *Educational Administration and Supervision*

B.A., Western State College of Colorado, 1966
M.A., Western State College of Colorado, 1968
Dissertation: Communications Research for School Personnel Administration

Dale Herman Fitzner, *Art Education*

B.A., Eastern New Mexico University, 1961
M. Ed., University of Texas at El Paso, 1967
Dissertation: An Experimental Study on Some of the Effects of Art Teaching Approaches as They Relate to the Development of Aesthetic Sensitivity Among Selected Post-Retirement Adults

William J. Horie, *Educational Administration and Supervision*

B.S., Otterbein College, 1951
M.A., University of Michigan, 1956
Dissertation: Alternative Plans of Financing Arizona's Public Schools

Carlin John Kielcheski, *Art Education*

B.S., Wisconsin State University, 1957
M. Ed., Wisconsin State University, 1958
M.A., Colorado College, 1967
Dissertation: Effects of Aggressive Art Motivations on the Overall Aesthetic Quality, Identification/Involvement, and Creativeness of Drawings

Joyce Rae McClendon, *Business Education*

B.S., Prairie View Agricultural and Mechanical College of Texas, 1958
M.B.A., University of Denver, 1963
Dissertation: Attitudes of Minority and Nonminority Students Toward Nonskill Aspects of Office Work

Evangeline F. Becky Morris, *Adult Education*

B.A., University of Dubuque, 1941
M.A., University of South Florida, 1967
Dissertation: The Personality Traits and Psychological Needs of Educated Homemakers and Career Women

Bertha Willey Parrish, *Secondary Education*

B.A. in Ed., Arizona State University, 1968
M.A. in Ed., Arizona State University, 1971
Dissertation: The Effects of Experiential Background Upon the Informal Reading Inventory Diagnosis of Anglo and Mexican-American Ninth Grade Students

Charles Kenneth Smith, *Music Education*

B.S. Ed., M. Ed., University of Missouri, 1963
Dissertation: Choral Music Education as Aesthetic Education

William Frank Smith, *Industrial Education*

B.S., M. Ed., North Texas State University, 1965
Dissertation: Career Education, Industrial Arts, and Vocational Education--A Semantic-Differential Study

Candidates for the Degree of

DOCTOR OF EDUCATION

To Be Conferred on May 17, 1974

Subject to Completion of Requirements

Gregory White Bailey, *Industrial Education*

B.A., San Diego State College, 1964
M.A., San Diego State College, 1967
Dissertation: A Study of Audio Hazards in Woodworking Laboratories of Secondary Schools

Gerald Thomas Baron, *Industrial Education*

B.S., Florida State University, 1967
M.S., Florida State University, 1969
Dissertation: A Study of Women in Industrial Arts Education

Dean M. Batt, *Secondary Education*

B.S.Ed., State University of New York College at Cortland, 1966
M.S.Ed., State University of New York College at Cortland, 1971
Dissertation: A Humanistic Approach to Teacher Education — A Competency-Based Model

Ruth Ann Beechick, *Curriculum and Instruction*

B.A., Seattle Pacific College, 1947
M.A. in Ed., Arizona State University, 1961
Dissertation: Children's Understanding of Parables: A Developmental Study

Fred Bieber, *Educational Administration and Supervision*

B.A. in Ed., Arizona State University, 1949
M.A. in Ed., Arizona State University, 1954
Dissertation: Provisions for Improving Educational Programs in Selected Negotiated Contracts

William Lester Cole, *Educational Administration and Supervision*

B.A., Whitworth College, 1960
M.S., University of Washington, 1965
Dissertation: The Ranking and Perceptions of Educational Goals as Determined by Groups Within a High School District

Henry William Dixon, *Social and Philosophical Foundations of Education*

B.A., St. Martin's College, 1947
M.A., State College of Washington, 1949
M.S., University of Oregon, 1951
M.Ed., Oregon State University, 1957
Dissertation: An Historical Survey of Jesuit Higher Education in the United States with Particular Reference to the Objectives of Education

John Laddis Edwards, *Educational Administration and Supervision*

B.S., Weber College, 1965
M.A. in Ed., Arizona State University, 1971
Dissertation: Model Dormitory: Its Effect on the Self-Concept of Intermountain School Navajo Adolescents

Malcolm Sidney Enger, *Curriculum and Instruction*

B.A., University of Missouri, 1961
M.A.Ed., Washington University, 1962
Dissertation: The Contemporary Image of the Teacher

Billy J. Fitzgerald, *Educational Administration and Supervision*

B.S., Eastern Kentucky State College, 1956
M.A. in Ed., Arizona State University, 1962
Ed.S., Arizona State University, 1971
Dissertation: An Analysis of Computer Assisted Instruction in the Reading Program at Carl Hayden High School

Coleen Rawson Goodwin, *Curriculum and Instruction*

B.S., Utah State Agricultural College, 1952
M.A. in Ed., Arizona State University, 1965
Dissertation: The Development of a Diagnostic Test for Determining Secondary Students' Knowledge and Understanding of Certain Basic Language Concepts

Theresa Ellen Howard, *Educational Administration and Supervision*

B.A. in Ed., Arizona State University, 1960
M.A. in Ed., Arizona State University, 1963
Dissertation: Kindergarten Home Readiness Program: Mothers Teaching Mothers

Edmund William Hunke Jr., *Educational Administration and Supervision*

B.Th., Pacific College, 1949
B.A., Fresno State College, 1950
B.D., Golden Gate Baptist Theological Seminary, 1952
Dissertation: A Multivariate Analysis of Selected Variables of Clergymen Serving High Achievement and Low Achievement Churches

George Robert Larsen, *Adult Education*

B.A., University of the Pacific, 1958
B.S.Th., Boston University, 1962
M.S., Oregon State University, 1969
Dissertation: An Evaluation of the Minnesota Couple Communications Training Program's Influence on Marital Communication and Self and Mate Perceptions

Jane Williams McGrath, *Elementary Education*

B.A. in Ed., Arizona State University, 1967
M.A. in Ed., Arizona State University, 1969
Dissertation: Comprehension: Product Versus Process

Ronda Albright Moffit, *Art Education*

B.A., Alabama College, 1963
M.F.A., Arizona State University, 1972
Dissertation: The Effects of Privacy and Noise Attenuation Alternatives on the Art-Related Problem Solving Performance of Third and Fourth Grade Children

Jack Elton Null, *Educational Administration and Supervision*

B.S.B., Indiana University, 1960
M.A.Ed., Ball State Teachers College, 1963
Dissertation: Teachers' and Parents' Perceptions of the Elementary Teacher's Role

Joseph H. Ramey, *Elementary Education*

B.S., Northeastern State College, 1965
M.A. in Ed., Arizona State University, 1972
Dissertation: An Investigation of the Effect of the C.I.T.E. Language Arts Curriculum on the Achievement Level of Navajo Indian Students

Crawford Lee Russell, *Art Education*

B.S.A., Fort Hays Kansas State College, 1960
M.S., Fort Hays Kansas State College, 1966
Dissertation: An Experimental Study of Conceptual Behavior as a Function of Concept Organization, Visual Stimulus Availability and Art Application

Peter Allon Schmidt, *Industrial Education*

B.S.Ed., Northern Illinois University, 1966
M.A. in Ed., Arizona State University, 1967
Dissertation: An Experimental Study To Determine the Effect of Using Behaviorally Stated Learning Objectives in Teaching Tungsten Inert Gas Welding

Quentin M. Spradling, *Industrial Education*

B.S.I.E., University of Oklahoma, 1960
M.I.E., University of Oklahoma, 1964
Dissertation: The Relationship of Laboratory Performance Activities to Cognitive Gain in College Level Basic Electronics

Floyd R. Wells, *Industrial Education*

B.S., Brigham Young University, 1962
M.S., Brigham Young University, 1965
Dissertation: The Relationship of High School Industrial Arts Experience to Performance in a Four-Year College Technology Program

DOCTOR OF PHILOSOPHY

Degrees Conferred September 14, 1973

Jayne Newton Ahearn, Zoology

B.S., University of Wisconsin, 1966
Dissertation: Penetrance of Tumorous-Head and Male Genital Disc Defect in Drosophila Melanogaster

Domingo Aréchiga, Education

Ph.B., St. Edward's University, 1950
M.S., Texas A & I University, 1953
Dissertation: Selected Programs for Marginal Students in the Border Junior College Consortium

Billy T. Boyar Jr., English

B.A., North Texas State University, 1966
M.A., North Texas State University, 1968
Dissertation: Shelley's The Magic Plant: Text, Interpretation, and Perspective

Dillard Spencer Broderick, Education

B.S., Brigham Young University, 1967
M.S., Brigham Young University, 1969
Dissertation: A Survey of the Current Status of Institutional Research in Selected Two-Year Colleges

Genard Thomas Catalano, Engineering

B.E.E., City College of New York, 1963
M.S., University of Rhode Island, 1968
Dissertation: Formulations and Solutions for Homogeneous and Inhomogeneous Channel Field Effect Devices

Donald R. Chivens, Engineering

B.S., California Institute of Technology, 1965
M.S.M.E., California Institute of Technology, 1966
Dissertation: The Natural Frequencies and Critical Speeds of a Rotating, Flexible Shaft-Disk System

Joe C. Cullen, Education

B.S., Northeastern University, 1962
M.B.A., Arizona State University, 1970
Dissertation: The Community College Business Manager: The Man and the Office

Samir A. El-Saknidy, Physics

B.S., Ain-Shams University, 1957
M.S., Ain-Shams University, 1960
Dissertation: The Continuum Model in the Dielectric Theory

Annette Engel, Education

B.A. in Ed., Arizona State University, 1956
M.A. in Ed., Arizona State University, 1960
M.A. in Ed., Arizona State University, 1966
Dissertation: The Effects of Child Study Activities on Adolescent Girls' Attitudes Toward Child Rearing Practices

Peter Leslie Fejes, Physics

B.S., University of Melbourne, 1969
M.S., University of Melbourne, 1970
Dissertation: High Resolution Lattice Images

Allen George Galliard, Chemistry

B.S., Wichita State University, 1966
Dissertation: The Preparation and Characterization of Some Pseudohalide Complexes of Zirconium and Hafnium

Leona M. Gambell, Education

B.A., Drake University, 1955
M.A., Drake University, 1956
Dissertation: An Investigation of Attitudes Toward the Deviate Behavior of Superordinates

Franklin Barry Haber, Education

B.S., State University of New York, 1959
M.S., State University of New York, 1962
Dissertation: The Effect of Instruction in Questioning Strategies on Teaching Assistants' Classroom Performance

Rosejean Clifford Hinsdale, Education

B.A., Arizona State University, 1960
M.A., in Ed., Arizona State University, 1963
Dissertation: Maricopa County Community College District: First Decade of Growth of a Multicollge District, 1962-1972

Roger Karl Hoppe, Engineering

B.S.E.E., University of Iowa, 1960
M.S., University of Iowa, 1965
Dissertation: Systems Synthesis Approach to Production-Smoothing Problems

Robert Gallup Ingalls, Chemistry

B.S., St. Lawrence University, 1968
Dissertation: Purification and Characterization of IMP-GMP: Pyrophosphate Phosphoribosyltransferase

Thomas Tucker Ivy, Education

B.A., Hendrix College, 1964
M.Ed., University of Arkansas, 1967
Dissertation: An Integrated Approach to Counseling Practicum

Roger L. Johnson, Education

B.S., Brigham Young University, 1965
M.Ed., Brigham Young University, 1968
Dissertation: College of Education Programs of Study Evaluation

Stephen Mead Lee, Engineering

B.A., University of California, 1949
M.A., University of California, 1964
Dissertation: An Approach to Modeling Weather Data by Means of Markov and Semi-Markov Chains

J. Oscar Maynes Jr., Education

B.A. in Ed., Arizona State University, 1952
M.A. in Ed., Arizona State University, 1955
M.A., Arizona State University, 1964
Dissertation: A Comparison of Local Spanish and Standard Spanish Vocabularies

Mark Masanobu Mekaru, Engineering

B.E.E., Rensselaer Polytechnic Institute, 1965
M.E., Rensselaer Polytechnic Institute, 1966
Dissertation: N-Dimensional Transportation Problems: Algorithm for Linear Problems and Application of Geometric Programming for Nonlinear Problems

David Paul Meyer, Education

B.Th., Pontificia Studiorum Universitas, 1954
Licentia, Pontificia Studiorum Universitas, 1956
M.A. in Ed., Arizona State University, 1967
Dissertation: Anxiety, Eupathy, and Selective Responding in Relation to Operant Conditioning of the Occipital Alpha Rhythm

Michael Gerard Rakow, Political Science

B.A., Arizona State University, 1966
M.A., Arizona State University, 1968
Dissertation: Southern Politics in the United States Senate: 1948-1972

Edris Inoé Saldaña Saldaña, Chemistry

C.I.E., National Politechnic Institute, 1962
Dissertation: Part I-Synthesis of Alkyne-N-Bis (2-Chloroethyl) Amines/Part II-The Cytotoxic Component of Rhus Trilobata/Part III-Synthesis of Methyl 3 β -Hydroxy-11-Ox o-21-Nor-5 β -Pregnane-20-Carboxylic Acid

Aaron W. Schopper, Psychology

B.S., Arizona State University, 1968
M.A., Arizona State University, 1970
Dissertation: In Search of Conditioned Emotional Responding in Humans

George Edward Schultz, Psychology

B.S., Loyola University, 1963
M.A., Loyola University, 1966
Dissertation: Changing Conceptions of Masculinity and Femininity

George Richard Scott, Anthropology

B.A., Arizona State University, 1968
Dissertation: Dental Morphology: A Genetic Study of American White Families and Variation in Living Southwest Indians

David George Skitek, Engineering

B.S.E.E., University of Missouri at Rolla, 1967
M.S. in Engr., Arizona State University, 1969
Dissertation: Investigations on the Synthesis and Fault Diagnosis of Combinational NAND Networks Using Cover-Key Techniques

Karen Ford Swoope, *Education*

B.A., Arizona State University, 1965
M.A. in Ed., Arizona State University, 1971
Dissertation: Acquisition of the b, d, p, q Discrimination Among Kindergarten Children as Related to the Reversal Shift Phenomenon

Joan Elizabeth Thiele, *Education*

B.S., Texas Woman's University, 1962
M.S.N., Case Western Reserve University, 1965
Dissertation: The Effects of Adjunct Questions and Review Statements Upon Learning from Audiovisual Materials

Donald Freeman Utter Jr., *Mathematics*

B.S., Long Beach State College, 1965
M.A., University of California, 1967
Dissertation: Variational and Convergence Properties of Splines Used for Curve Design

Willis E. Weeks, *English*

B.S., Oklahoma City University, 1959
M.A., Oklahoma City University, 1962
Dissertation: Faulkner's Young Males: From Futility to Responsibility

Bertha Alston Williams, *Education*

B.A. in Ed., Arizona State University, 1963
M.A. in Ed., Arizona State University, 1966
Dissertation: The Effects of Two Models of Counseling — Peer and Professional — on the Levels of Self-Disclosure and Trust of Black College Students

Marjorie H. Wilson, *History*

B.A., University of California, 1947
M.S.Ed., Northern State College, 1966
Dissertation: The Gubernatorial Career of George W. P. Hunt of Arizona

Harry Edwin Wistrand, *Zoology*

B.A., Austin College, 1968
M.A., North Texas State University, 1970
Dissertation: The MSG Mutant — Genotype-Environment Interaction for Productivity and Competition in Populations of Tribolium

Paula Lee Woehlke, *Education*

B.A. in Ed., Arizona State University, 1968;
M.A. in Ed., Arizona State University, 1972
Dissertation: An Empirical Investigation of the Robustness of Manava When There Are Unequal Cell Sizes and Variances and Different Correlations Between Dependent Variables

Milton E. Wood, *Education*

B.A., University of Louisville, 1960
M.S., University of Dayton, 1968
Dissertation: Transfer from Audiovisual Pretraining to an Instrument Flight Task

DOCTOR OF PHILOSOPHY

Degrees Conferred January 16, 1974

Michael James Ash, *Education*

B.A. in Ed., Arizona State University, 1969
M.A. in Ed., Arizona State University, 1973
Dissertation: The Relation Between Discrimination Shift Performance and Three Related Tasks: Some Parameters of the Kendler Model of Optional Shift Behavior

Peter Constantine Bargeliotes, *Engineering*

B.S.E.E., University of Oklahoma, 1962
M.S., University of Arizona, 1964
Dissertation: Numerical Methods in Electromagnetic Field Problems

Roy Curtiss Brown, *Botany*

B.A., Central Washington State College, 1969
M.S., Northern Arizona University, 1971
Dissertation: Biosystematics of Bailey and Psilostrophe (Compositae, Heleniaceae)

Joseph Budai, *Education*

Diploma, University of Budapest, 1955
Ed.S., Arizona State University, 1971
Dissertation: Alternate Methods of Financing the Arizona State Community College System

Wilton Roy Cooper, *Education*

B.S., Morgan State College, 1952
M.A., Teachers College, Columbia University, 1956
Dissertation: A Longitudinal Study of Characteristics Associated with Attendance Persistence for Selected Groups of Students at Arizona State University

Thomas Copley Davidson, *Botany*

B.A., Marion College, 1956
M.A., Indiana University, 1961
Dissertation: Ecological Dynamics of Two Costa Rican Marshes in Relation to Rice Cultivation

Bernell Joseph Edwards Jr., *Education*

B.A., Brigham Young University, 1962
M.A., Brigham Young University, 1969
Dissertation: The Effects of the Summation of Instructional Cues Upon Student Achievement

Ellen Alice Elson, *Education*

B.S., Arizona State University, 1962
M.Ed., University of Arizona, 1966
Dissertation: Opinions Related to Status and Directions of Arizona Community Colleges

Dennis M. Fagan, *Education*

B.S.Ed., Ohio State University, 1966
M.A. in Ed., Arizona State University, 1972
Dissertation: A Cross-Lagged Panel Analysis of Pupils' Cognitive Acquisitions as a Function of Socioeconomic Status

John P. Feldmeier, *Education*

B.S.Ed., Edinboro State College, 1958
M.Ed., Kent State University, 1966
Dissertation: Perceptions of State and Local Superintendents as to Necessary Characteristics for a Comprehensive Adult Education Program on the Public School Level

James L. Firth, *Education*

B.A., San Diego State College, 1962
M.S., San Diego State College, 1969
Dissertation: An Investigation of the Effectiveness of the Bessell-Palomares Inservice Training Program on Teacher Attitudes

Patricia J. Fogle, *Chemistry*

B.S., Saint Francis College, 1967
Dissertation: Purification and Characterization of Rabbit Liver Guanine Aminohydrolase

Larry Bruce Golden, *Education*

B.Ed., University of Miami, 1964
M.S.Ed., City College of the City University of New York, 1968
Dissertation: Feedback of Assessment Data as a Means To Facilitate Program Modification in a Psychiatric Halfway House

Bert Eldon Griffin, *Education*

B.A., Harvard University, 1946
M.S., University of Washington, 1948
Dissertation: Retirement Preparations at Arizona's State Universities

Victor Michael Griswold, *Engineering*

B.E.E., Auburn University, 1968
M.S., Auburn University, 1969
Dissertation: Vector Generation for Fault Diagnosis in Logic Circuits

Victor Lee Hays, *Psychology*

B.A., Fresno State College, 1969
Dissertation: An Automated Procedure for Measurement of Far Point Visual Acuity in Mentally Retarded and Normal Children

James Russell Kline Heinen, Education

B.A., Loras College, 1963
M.A., Western Michigan University, 1966
M.A., University of Chicago, 1969
Dissertation: Pictorial and Sentential Attributes of Images in Paired-Associate Learning

Kenneth Lake Hennefer, Education

B.S., University of Utah, 1960
M.S.W., University of Utah, 1962
Dissertation: Students' Value Commitments Upon Entering and Graduating from an Adult Education Program in Professional Social Work Education

Myles Eugene Hill, Education

B.A., Occidental College, 1948
M.A. in Ed., Arizona State University, 1950
Dissertation: The Philosophical Aspects of the Newbery Medal Award Books, 1922-1971

Patricia McKeachie Johnson, Psychology

B.A., University of South Dakota, 1968
M.A., Arizona State University, 1972
Dissertation: The Relationships Between Sex-Role Stereotypes and Concepts of Mental Health

Kenneth Merle Kem, Chemistry

B.S., University of Montana, 1968
Dissertation: The (3 + 2) Cycloaddition of Arylazides to Stereoisomeric Enamines

Victor Kwonglee Kwong, Education

B.S., Boston University, College of Liberal Arts, 1931
M.P.A., Arizona State University, 1965
M.A. in Ed., Arizona State University, 1968
Dissertation: Some Negro and Chinese Comparisons: Recommendations for Adult Education

Ross Glenn Lane, Education

B.A., Western Michigan University, 1965
M.A., Western Michigan University, 1966
S. Ed., Western Michigan University, 1968
Dissertation: The Influence of Supervision on Trainees' Development of Facilitative Skills

Emmaline Tighe Lovitt, Education

B.A., University of Texas, 1949
M. Ed., University of Texas, 1965
M.A., New Mexico State University, 1968
Dissertation: Teacher Acceptance of Classroom Integration of Children with Learning Disabilities

Arthur Troy Lowe, Chemistry

B.A., Adams State College of Colorado, 1967
Dissertation: The Study of Hysteresis in Solid State Transitions of the Rare Earth Oxides

Gordon Berkshire Lynch II, Education

B.A., Marshall University, 1965
M.A., Marshall University, 1966
Dissertation: The Counselor/Psychologist as an Organizational Consultant. A Descriptive Study

Therese Ann Markow, Zoology

B.S., Arizona State University, 1970
Dissertation: A Genetic Analysis of Phototactic Behavior in Drosophila Melanogaster

Dale Wilbur Merriam, Engineering

B.S.I.E., Iowa State University, 1961
M.S. in Engr., Arizona State University, 1966
Dissertation: A Development of a Profit-Planning Control Model for the Manufacturing Firm

Sheldon Lloyd Miller, Chemistry

B.S., Arizona State University, 1965
Dissertation: Effects of Morphine on Norepinephrine and Dopamine Uptakes and Calcium into Discrete Areas of Rat Brain

Stanley Joe Miller, Education

B.S., University of Oregon, 1961
M. Ed., University of Oregon, 1962
Dissertation: The Task of Public Education as Perceived by Teachers with Contrasting Personal Values

Stuart Gary Mirell, Physics

B.S., University of California, 1967
Dissertation: Charged Particles Emitted with Elements Produced in Californium-252 Spontaneous Ternary Fission

Kenneth Wayne Neves, Mathematics

B.A., San Jose State College, 1968
M.A., Arizona State University, 1970
Dissertation: Numerical Solution of Functional Differential Equations with State Dependent Lags

James Ernest Platz, Zoology

B.S., Texas Technological College, 1967
M.S., Texas Technological College, 1970
Dissertation: Electrophoretic and Morphological Variation of Leopard Frogs in Arizona

Joan A. Price, Education

B.S., University of Arizona, 1955
M.S., Springfield College, 1956
M.A., Arizona State University, 1969
Dissertation: An Analytic Exploration of Student-Instructor Perception and Cognition Based on Carl G. Jung's Psychological Types

Dennis Alan Repella, Chemistry

B.S.C., Wayne State University, 1967
Dissertation: Electron Impact Induced Fragmentation Pathways of Aminotriazolines; Retro (2 + 3) Cycloaddition Reactions

Warren D. Robb, Education

B.S., Purdue University, 1956
M.B.A., University of Louisville, 1968
Dissertation: The Predictive Validity of the In-Basket Technique for Describing First-Year Teacher Behavior

Harold Robert Rush, Zoology

B.A., Friends University, 1966
M.S., Kansas State Teachers College, 1968
Dissertation: Stridulatory Behavior of Tropisternus Ellipticus and T. Lateralis Limbalis (Coleoptera: Hydrophilidae)

Carvin Glenn Shirley, Physics

B.S., University of Melbourne, 1969
M.S., University of Melbourne, 1970
Dissertation: Microscopic Strains in Disordered Binary Alloys

Ronald Eddy Swanson, Engineering

B.S.I.E., Lehigh University, 1965
M.S., Lehigh University, 1967
M.S., Lehigh University, 1968
Dissertation: A Generalized Approach to the Department Composition Problem in Group Technology

Richard M. Trickovich, Education

B.A., University of Illinois, 1961
M.A., University of Illinois, 1962
M.S., Mankato State College, 1971
Dissertation: Educational Accountability Model: Its Application to Teacher's Professional Accountability

Sheldon Sherwin Wald, Physics

B.S., University of California, 1968
M.S., Arizona State University, 1971
Dissertation: Application of the Modified WKB Approximation to the Three Turning-Point Problem

Yu-Chuen Yeh, Engineering

B.I.E., M.S.I.E., Georgia Institute of Technology, 1966
Dissertation: Analysis of Single-Warehouse Multi-Item Inventory Problems Under Constraints

Ronald David Zellner, Education

B.S., Arizona State University, 1968
M.A. in Ed., Arizona State University, 1972
Dissertation: An Empirical Investigation of the Relation Between Conservation and the Concrete Operations of Classification and Seriation

Max Zurflueh, Education

B.A., University of California, 1968
M.A., Chico State College, 1970
Dissertation: An Investigation of the Relationship Between Self-Disclosure, Self-Actualization, and Counselor Effectiveness

Candidates for the Degree of
DOCTOR OF PHILOSOPHY
To Be Conferred on May 17, 1974
Subject to Completion of Requirements

Clyde Howard Barlow, Chemistry

B.A., Eastern Washington State College, 1968
Dissertation: Spectroscopic Probes of the Oxygen Binding Sites of Hemes and Hemoproteins

John L. Beggs, Zoology

B.A., West Texas State University, 1962
M.S., Arizona State University, 1969
Dissertation: Vasogenic Edema Formation in the Injured Spinal Cord: A Correlative Ultrastructural and Quantitative Study of Vascular Permeability Alterations to Horseradish Peroxidase

Gene Denton Belk, Zoology

B.S.Ed., University of Texas, 1966
M.A., University of Texas, 1969
Dissertation: Zoogeography of the Arizona Anostraca with a Key to the North American Species

Jerry R. Boggs, Zoology

B.A., Fresno State College, 1964
M.A., San Diego State College, 1969
Dissertation: Social Ecology of the White-Throated Woodrat (Neotoma albigula) in Arizona

Beuford Arlie Bogue, Engineering

B.S., Colorado State University, 1969
Dissertation: Feline Brain Tissue pO_2 Response to Step and Oscillating Arterial pO_2 Changes

William Lawrence Bombeck, Education

B.S.Ed., University of Dayton, 1950,
M.Ed., Miami University, 1954
Dissertation: The Effects of Decision Making Training for Prospective School Administrators

Thomas Martin Bomber, Engineering

B.E.E., University of Detroit, 1962
M.S., Wright Patterson Air Force Base Institute of Technology, 1967
Dissertation: Comparison of Four Methods for the Identification of Linear Systems with a Time Delay

Gerald W. Brown, Engineering

B.S. in Engr., Arizona State University, 1970
M.S. in Engr., Arizona State University, 1971
Dissertation: The Two-Dimensional Transient Solution of the Carrier Transport Equations in Solid-State Devices

Paul Allan Brown, English

B.A., University of California, 1961
M.A., Arizona State University, 1966
Dissertation: An Edition of Don Bernardino de Mendoza's Theorie and Practise of Warre: Sir Edward Hoby's 1597 Translation

Van Ladd Bushnell, Education

B.S., College of Southern Utah, 1962
B.S., College of Southern Utah, 1966
M.A. in Ed., Arizona State University, 1968
Dissertation: Analysis of Student Financial Aid Programs in Four-Year Colleges and Universities

Carolyn Marie Cabanski, Education

B.S., Marquette University, 1955
M.A., Loyola University, 1959
Dissertation: A Theory of Personality and Its Application to Counseling

Sharon Rae Carter, Psychology

B.S., Colorado State University, 1969
M.A., Arizona State University, 1972
Dissertation: The Relationship of Repression-Sensitization to Cognitive and Behavioral Indices in a Success-Failure Paradigm

Judith Ann Cochran, Education

B.A., University of Colorado, 1966
M.Ed. University of California, Los Angeles, 1970
Dissertation: A Descriptive Study Examining Grades, Reading Ability and Attrition of Certain Low Income Freshmen at Arizona State University

Candice Kay Crow, Psychology

B.A., Hamline University, 1969
M.A., Arizona State University, 1972
Dissertation: Food Visibility, Social Inhibition, and the Eating Behavior of Obese and Normal Subjects

H. Franklin Edwards, Education

B.A., Prairie View A. and M. College, 1940
M.M.Ed., University of Colorado, 1946
Dissertation: The Development of a Year-Round School Model

Robert J. Elam, Education

B.A., Quincy College, 1969
M.A. in Ed., Arizona State University, 1972
Dissertation: Effects of Variations in Instruction and Feedback on Subject Performance

Gary Douglas Estes, Education

B.S., Grand Canyon College, 1966
M.A. in Ed., Arizona State University, 1968
Dissertation: An Empirical Comparison of the Effect of Relative Sample Size and Classification Rule on Accuracy and Type of Classification for Single and Pairwise Discriminant Functions

Richard Martin Fine, Education

B.S., University of Oklahoma, 1966
M.C., Arizona State University, 1971
Dissertation: The Application of Social Reinforcement Procedures to Improve the School Attendance of Truant Chicano Junior High School Students

Lance Michael Gentile, Education

B.A., Oakland University, 1967
Dissertation: The Influence of Tutor Sex on the Reading Achievement of Spanish Surname Boys

Dee Forace Green, Anthropology

B.A., Brigham Young University, 1959
M.A., Brigham Young University, 1961
Dissertation: Cluster Analysis of 549 Whole Mississippi Ceramic Vessels

Celia Schaub Halas, Education

Ph.B., Marquette University, 1948
M.C., Arizona State University, 1970
Dissertation: Sex-Role Stereotypes: Perceived Childhood Socialization Experiences and the Attitudes and Behaviors of Mature Women

Frank Edwin Hay, Engineering

B.S.E.E., Wayne State University, 1960
M.S. in Engr., Arizona State University, 1969
Dissertation: A Time Sharing Computer System for Teaching Digital Systems Design

Thomas Randall Hooton, Engineering

B.S. in Engr., Arizona State University, 1962
M.S., in Engr., Arizona State University, 1965
Dissertation: Multipath Compensation of a DQPSK Communication Link

Don Merrill Jackson Jr., Engineering

B.A., William Jewell College, 1956
M.S., Iowa State College, 1959
Dissertation: The Computer Control of an Epitaxial Silicon Production Facility

Carol Simon Kamin, Education

B.J.Ed., Hebrew College, 1964
B.S., Boston University, 1965
M.Ed., Boston University, 1970
Dissertation: Formative Research in Black-White Peer Teaching Using Toys as a Medium for Instruction

James Francis LaBounty, Zoology

B.S., University of Nevada, 1967
M.S., University of Nevada, 1968
Dissertation: Materials for the Revision of Cichlids from Northern México and Southern Texas, U.S.A. (Perciformes: Cichlidae)

Naomi Eva Lindstrom, Spanish

B.A., University of Chicago, 1971
M.A., Arizona State University, 1972
Dissertation: Expressionism in Spanish: The Presentation of Incoherence

Mary Ann Manderino, Education

B.S., University of Colorado 1967
M.S., University of Colorado, 1969
Dissertation: Effects of A Group Assertive Training Procedure on Undergraduate Women

Kenneth Richard McWilliams, Anthropology

B.A., University of Oklahoma, 1964
M.A., University of Oklahoma, 1969
Dissertation: Gran Quivira Pueblo and Biological Distance in the U.S. Southwest

Robert Kimball Merrill, Geology

B.A., Colby College, 1967
M.S., Arizona State University, 1970
Dissertation: The Late Cenozoic Geology of the White Mountains Apache County, Arizona

Bob Royce Owens, Education

B.A., Fresno State College, 1959
M.A., Fresno State College, 1964
Dissertation: Financial Activities of College Student Organizations for Universities with Membership in the Vice Presidents' Conference

Joanne Frazier Parachek, Education

B.A., Michigan State College, 1949
M.A., Northwestern University, 1964
Dissertation: Validation and Standardization of Selected Measures of Posture and Movement for Evaluating Present and Future Status of Mental Patients

Garvin Wesley Patterson, Engineering

B.S., Michigan State University, 1969
M.S. in Engr., Arizona State University, 1971
Dissertation: Architectures for High Performance Processors

Leon R. Peters, Education

B.S., Winona State College, 1955
M.S., Winona State College, 1958
Dissertation: Relationships Between Select Counseling Diagnostic Categories at Maricopa Technical College

Jack Wenton Rickard, Education

B.A., College of Emporia, 1957
M.Ed., Wichita State University, 1965
Dissertation: Relationships Between Leadership Behavior and the Personal, Educational, and Occupational Characteristics of Adult Education Leaders

Allan Arthur Schoenherr, Zoology

B.S., University of Southern California, 1958
M.S., University of Southern California, 1961
Dissertation: Life History of the Topminnow Poeciliopsis occidentalis (Baird and Girard) in Arizona and an Analysis of Its Interaction with the Mosquitofish Gambusia affinis (Baird and Girard)

John Howard Schuh, Education

B.A., Wisconsin State University, 1969
M.C., Arizona State University, 1972
Dissertation: The Role of the Dean of the Liberal Arts College in Academic Administration

M. Lynn Seitz, English

B.A., Arizona State University, 1966
M.A., Arizona State University, 1967
Dissertation: Catholic Symbol and Ritual in Minor British Poetry of the Later Nineteenth Century

Thomas H. Smith, Chemistry

B.S., Niagara University, 1969
Dissertation: Part I — Synthetic Approaches to Camptothecin/Part II — Synthesis of (TRP⁸) Luteinizing Hormone Releasing Hormone/Part III — Synthesis of Potentially Antineoplastic N-Nitroso Compounds

Ingrid Swenson, Education

B.A., Arizona State University, 1964
M.A., San Jose State College, 1968
Dissertation: Word Recognition Cues Used in Matching Verbal Stimuli Within and Between Auditory and Visual Modalities

Van Warren Tilford, Education

B.A., University of the Pacific, 1961
M.A. in Ed., Arizona State University, 1969
Dissertation: The Self-Concept and Education: A Phenomenological Approach

Harry Steven Warford, Engineering

B.S.E.E., University of Kentucky, 1966
M.S. in Engr., Arizona State University, 1968
Dissertation: Conversion of a D17B (Minuteman I) Guidance Computer To Acquire and Process Evoked Response Information

John Oliver Weide Jr., Chemistry

B.S., Kansas State College of Pittsburgh, 1966
M.S., Kansas State College of Pittsburgh, 1968
Dissertation: Pulsed-Mode Atomic Fluorescence Utilizing a Demountable Hollow Cathode Excitation Source

CONFERRING OF HONORARY DEGREES

PRESIDENT JOHN W. SCHWADA

HUGH DOWNS

Doctor of Humane Letters

Author, scholar, adventurer, television personality

He is best known to millions of television viewers around the globe as a program host, announcer and commentator, but Hugh Malcolm Downs has rivaled the Renaissance men in the remarkable diversity of his expertise. He is the author of four books; a student and researcher in the fine arts, history and philosophy; a sailor of international reputation; a pilot, Scuba diver and race car driver; and a leader in ecological movements. Mr. Downs became host of the NBC "Today" show in 1962 and during the ensuing nine years he became one of the most familiar figures in television. Since 1971 he has lived at Carefree, Arizona, and has had a close association with Arizona State University. He served as a visiting professor in the Department of Mass Communications in 1972 and has since been chairman of the fund-raising committee for the University's public television station. Mr. Downs serves on the board of directors of the World Association of Planned Parenthood Committee, is a director of the National Audubon Society, and was an observer at the 1972 United Nations Conference on Human Environment. He has given service and leadership to many other worldwide organizations devoted to improving the human condition.

Honoring his achievements in communication and his unselfish devotion to humane causes, Arizona State University confers on Hugh Downs the degree Doctor of Humane Letters, *honoris causa*.

PAUL RAPPAPORT

Doctor of Science

Pioneer in Solar Energy Conversion

Recognized by the international scientific community as "father of the solar cell," Paul Rappaport has made significant contributions to the science of solar energy conversion. His discoveries have hastened the exploration of space and his research is helping to open the door for man's conversion of solar energy into abundant electrical power. Mr. Rappaport earned B.S. and M.S. degrees in physics at Carnegie Institute of Technology, and in 1949 he joined the RCA Laboratories as a solid state physicist in electronic research. He now is director of the Process and Materials Applied Research Laboratory, RCA Laboratories, Princeton, New Jersey. He has made important contributions to Arizona State University science and technology programs during the past five years as a lecturer and solar energy consultant. Among his many prestigious appointments in the scientific community is his present chairmanship of the National Academy of Science committee on solar energy conversion. He is an editor of *The Journal of Energy Conversion* and the author of many significant scientific articles.

In recognition of his contributions to the advancement of science, Arizona State University confers on Paul Rappaport the degree Doctor of Science, *honoris causa*.

Recognition of Class of 1924

Golden Anniversary

PRESIDENT JOHN W. SCHWADA

Hazel Alexander Holt	Prudence Lillian Holmes Ritter
E. Cecil Allen	Daisy Vivian Jackson
Pauline Elizabeth Appleby Dobson	Benton Robert James
L. Cedric Austin	Ed E. Jones
Winnafred Mae Bellamy Cardon	Evelyn Mae Jones Wennen
Gladys Genitha Benton deMontreve	Gay Jones Godbey
Bonnie Bess Bird Krenek	LeBaron Jones
Mayde Bird Purinton	Thelma Lucille Jones Bennett
Virginia Bly Miller	Mary Kalil Bazzetta
Naomi Bernice Bradley Ramsey	Beulah Mae Kempton Perkins
Leone Lagrange Brown Seldomridge	Velma Kintsel Cade
Winifred Brown Dickinson	Leola Lesueur Jennings
Emma Loreene Cole Riddle	Mildred Lewis Beutel
Juanita B. Collins Deck	Anita Jane MacLennan Franklin
Mattie Ellen Cooper Nelson	Lillian LaPrele Maeser Bond
Olen Cospers Evans	Frances Elizabeth Maloney Williams
Olive Crawley Smith	Phyllis Aileen Martin
Margaret E. Cronin Egner	M. Frances Mayfield Kulinovich
Katherine Anne Culbert Hague	Lorrain Madden McDonald Washington
Ethel Lee Cupp Vastine	Helen McGowan Donaldson
Mary Stratton Cupp	William O. McNatt
Richard A. Curiel	Susan M. Messer Rowald
Hazel Cecilia Curry Clarke	Lawrence Miller
Goldia Burdette Daley Horton	Florence Naomi Montgomery Blackledge
Florence A. Davey Urban	Blondina Morrison Minter
Lola Faye Denton	Dorothy W. Morrison Meacham
Gertrude E. Dobyns Strange	Helen Maurine Norcross Allen
Lucy Isabella Doyle	Hazel O'Bryan Clark
Marguerite Elizabeth Dyess Hook	Helen Virginia O'Connor Harter
Leonard Homer Edwards	Helen M. Okerstrom Henderson
Florence Eleanor Eye Packard	Theron Ernest Palmer
Annie Jane Finch Bush	Elsie Ariel Parkman
Warren McDowell Fisk	Paul Cranston Parry
Opal Adeline Fitzgerald	Mabel Glendening Payne
Emma Bettie Foreman Browne	Mary Jean Perko Coleman
Mary Luella Fuller Hamblen	Catherine Peterson Norwood
Rose Gabbert	Leona Power Bryan
Nelda Grace George Dobson	Psyche Pulliam
Millicent Gilliland Genung	Ann N. Raymond Fischer
Ruth Goldsworthy Hoodecheck	Joseph Walker Raymond
Zelma Goolsby Cole	Dale C. Riggins
Joseph R. Granieri	Josephine Robinson Allen
Mabel Hambly	Avis Pearl Rogers DeSpain
May Hazelwood LaRue	Lois Marie Ross White
Geneva Hazel Heckey Calhoun	Alice Genevieve Rubel Dell
Katherine Post Hengehold Morrow	Mary Ellen Scott Coons
Lorena Jane Henry Ball	Virginia Allison Shute Creed

Emma Mildred Singleton McCook
Anna Sladish Wood
Esther Smyly
Rilla Solomon Allen
Margaret Staiger Ellis
Hattilu B. Stone Dameron
Lucille Orinda Stroup Adams
Louise Sturtevant Duncan
Anita Temple Morris
Peg Way Timmons
John B. Turner
Florence Helen Van Order Richardson

Pearl Vickery
Lola Dean Waddell George
Ruby Welker Waffler
Wilma Weaver Stevens
Norma Lucretia Wightman
Martha Louise Wild Parry
Esther C. Williams Beatty
Helen Marie Williams Dykes
Leldon C. Windes
Mary Margaret Wingfield Hallett
Helen Worth Baylor

HISTORY OF THE ACADEMIC COSTUME

The present-day academic costume seems to have originated at Oxford and Cambridge Universities in the 1300's. As the universities passed from ecclesiastical control, the academic gown used brighter colors to distinguish it from the totally drab clerical robe. Although colonial American universities used academic gowns based on the British system, people continued to associate them with the clergy.

In the 1880's, a student movement centering in New England instigated the establishment of a "senior badge," to improve commencement week exercises and revive the traditions of university life. In 1893, an inter-collegiate commission established a uniform code for caps, gowns and hoods for the various degrees.

Of the costume's three components, the hood is the most interesting. Originally it had three uses: as a head covering, as a shoulder cape, and as a bag in which alms could be collected. It is mentioned as early as 1480 in clerical literature. When large wigs were in vogue in Britain, the cape part of the hood was split in front and a narrow neckband inserted. The entire cape and hood was allowed to fall back as it is today, and it was never restored to the original style.

Following is a list of the hood and tassel colors, established by the Inter-collegiate Code to represent several departments of learning:

Agriculture	Maize
Arts, Letters, Humanities	White
Business Administration, Commerce, Accountancy	Sapphire Blue
Dentistry	Lilac
Economics	Copper
Education	Light Blue
Engineering	Orange
Fine Arts, including Architecture	Brown
Forestry	Russet
Home Economics	Maroon
Journalism	Crimson
Law	Purple
Library Science	Lemon
Medicine	Green
Music	Pink
Nursing	Apricot
Oratory (Speech)	Silver Gray
Pharmacy	Olive Green
Philosophy	Dark Blue
Physical Education	Sage Green
Public Administration, including Foreign Service	Peacock Blue
Public Health	Salmon Pink
Science	Gold-Yellow
Social Science	Citron
Theology or Divinity	Scarlet
Veterinary Science	Gray

Black tassels are correct for all degrees, and colored tassels are worn only by preference. Gold metallic tassels may be worn by doctors or presidents of universities and colleges. The tassel should be worn draped over the left front quarter of the cap.

THE STAR-SPANGLED BANNER

O say can you see, by the dawn's early light,
What so proudly we hailed at the twilight's last gleaming?
Whose broad stripes and bright stars through the perilous fight
O'er the ramparts we watched, were so gallantly streaming?
And the rockets' red glare, the bombs bursting in air,
Gave proof through the night that our flag was still there.
O say does that Star-Spangled Banner yet wave
O'er the land of the free and the home of the brave?

ALMA MATER ARIZONA STATE UNIVERSITY

Where the bold sahuaros
Raise their arms on high,
Praying strength for brave tomorrows
From the western sky;
Where eternal mountains
Kneel at sunset's gate,
Here we hail thee, Alma Mater,
Arizona State.

—Hopkins-Dresskell







